SONY®

MULTI BIT RATE ROUTING SWITCHER

HDS-X3400
HDS-X3600
HDS-X3700

ROUTING SWITCHER CONTROL PANEL
BKS-R3400

DISTRIBUTION BOARD
HKDS-X3010

SDTV SERIAL INPUT BOARD
HKDS-X3011

SERIAL INPUT BOARD
HKDS-X3014

MATRIX BOARD
HKDS-X3060

SERIAL OUTPUT BOARD
HKDS-X3064

MAINTENANCE MANUAL Part 1
1st Edition

⚠警告

このマニュアルは，サービス専用です。

お客様が，このマニュアルに記載された設置や保守，点検，修理などを行うと感電や火災，人身事故につながることがあります。

危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

⚠WARNING

This manual is intended for qualified service personnel only.

To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.

Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

HDS-X3400	Serial No. 10001 and Higher
HDS-X3600	Serial No. 10001 and Higher
HDS-X3700	Serial No. 10001 and Higher
BKS-R3400	Serial No. 10001 and Higher
HKDS-X3010	Serial No. 10001 and Higher
HKDS-X3011	Serial No. 10001 and Higher
HKDS-X3014	Serial No. 10001 and Higher
HKDS-X3060	Serial No. 10001 and Higher
HKDS-X3064	Serial No. 10001 and Higher

CAUTION (For HDS-X3400/X3600/X3700)

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type recommended by the manufacturer.
Dispose of used batteries according to the manufacturer's instructions.

Vorsicht! (Für HDS-X3400/X3600/X3700)

Explosionsgefahr bei unsachgemäßem Austausch der Batterie.

Ersatz nur durch denselben oder einen vom Hersteller empfohlenen ähnlichen Typ.
Entsorgung gebrauchter Batterien nach Angaben des Herstellers.

ATTENTION (Pour HDS-X3400/X3600/X3700)

Il y a danger d'explosion s'il y a remplacement incorrect de la batterie.

Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur.
Mettre au rebut les batteries usagées conformément aux instructions du fabricant.

ADVARSEL! (Til HDS-X3400/X3600/X3700)

Lithiumbatteri-Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri af samme fabrikat og type.
Levér det brugte batteri tilbage til leverandøren.

Attention-when the product is installed in Rack: (For HDS-X3400/X3600/X3700)

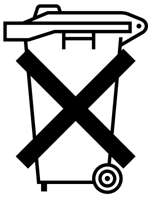
1. **Prevention against overloading of branch circuit**
   When this product is installed in a rack and is supplied power from an outlet on the rack, please make sure that the rack does not overload the supply circuit.
2. **Providing protective earth**
   When this product is installed in a rack and is supplied power from an outlet on the rack, please confirm that the outlet is provided with a suitable protective earth connection.
3. **Internal air ambient temperature of the rack**
   When this product is installed in a rack, please make sure that the internal air ambient temperature of the rack is within the specified limit of this product.
4. **Prevention against achieving hazardous condition due to uneven mechanical loading**
   When this product is installed in a rack, please make sure that the rack does not achieve hazardous condition due to uneven mechanical loading.

Voor de klanten in Nederland

Dit apparaat bevat een MnO_2-Li batterij voor memory back-up.

Raadpleeg uw leverancier over de verwijdering van de batterij op het moment dat u het apparaat bij einde levensduur afdankt.

Gooi de batterij niet weg. maar lever hem in als KCA.



Bij dit produkt zijn batterijen geleverd. Wanneer deze leeg zijn, moet u ze niet weggooien maar inleveren als KCA.

WARNING

Attaching the BKS-R3400 Routing Switcher Control Panel to the HDS-X3400 disables direct access to the power switch of the HDS-X3400.

When installing the unit, incorporate a readily accessible disconnect device in the fixed wiring, or connect the power cord to a socket-outlet which must be provided near the unit and easily accessible, so that the user can turn off the power in case a fault should occur.

WARNUNG

Bei angebrachtem Steuerpult BKS-R3400 ist der Netzschalter der Schalteinheit HDS-X3400 nicht mehr zugänglich.

Beim Einbau des Geräts ist daher im Festkabel ein leicht zugänglicher Unterbrecher einzufügen, oder das Netzkabel muß mit einer in der Nähe des Geräts befindlichen, leicht zugänglichen Wandsteckdose verbunden werden, damit sich bei einer Funktionsstörung die Stromversorgung zum Gerät jederzeit unterbrechen läßt.

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Manual Structure

Purpose of this manual

This manual is the maintenance manual part1 of Multi Bit Rate Routing Switcher HSD-X3400/X3600/X3700.
This manual is intended for use by trained system and service engineers, and provides the information that is required to install and maintenance information.

Related manuals

Besides this “maintenance manual part 1”, the following manuals are available for HSD-X3400/X3600/X3700.
The parts number of each manual is one as of November 1999.

- **Operation Manual (Supplied with the HDS-X3400/X3600/X3700.)**
  This manual describes the outline, system connection example and specifications.
  Part No.: 3-203-480-01

- **Installation Manual (Software) (Supplied with the HDS-X3400/X3600/X3700.)**
  This manual describes the software initialization or operation confirmation.
  This manual also describes the information on the main component equipment of a routing switcher system as well as this unit.
  Part No.: 3-194-351-04

- **Maintenance Manual Part 2 (Not supplied with the HDS-X3400/X3600/X3700.)**
  This manual describes the information that premises the parts level service(adjustments, schematic diagrams, board layouts, detailed parts list, etc.). If this manual is required, please contact your local Sony Sales Office/Service Center.
  Part No: 9-967-892-01

- **Protocol Manual (Not supplied with the HDS-X3400/X3600/X3700.)**
  This manual describes the protocol for controlling this unit.
  The manuals below are provided for the protocol that this unit can support.
  If this manual is required, please contact your local Sony Sales Office/Service Center.

  S-BUS PROTOCOL AND COMMAND SPECIFICATIONS
  (S-BUS remote terminal control protocol)
  Part No.: 9-977-477-12

  ROUTING SWITCHER SYSTEM PROTOCOL AND COMMAND SPECIFICATIONS
  (Sony cart protocol)
  Part No.: 9-967-261-21

  DVS-V3232B/6464B Series TECHNICAL MANUAL
  (Sony audio mixer protocol)
  Part No.: 9-967-547-11

Contents

This manual is organized by following sections.

Section 1 Installation

Explains the information that is required to install (environment, external dimensions, initial setting, etc.).

Section 2 HDS-X3400 Service Overview

Explains fundamental area of the information that is required to service, (removal of cabinet and location of main parts), replace of CPU battery and replacing the main parts.

Section 3 HDS-X3600 Service Overview

Explains fundamental area of the information that is required to service, (removal of cabinet and location of main parts), replace of lithium battery and replacing the main parts.

Section 4 HDS-X3700 Service Overview

Explains fundamental area of the information that is required to service, (removal of cabinet and location of main parts), replace of lithium battery and replacing the main parts.

Section 5 Spare Parts

Describes the parts list including the mounted circuit boards and the repair parts that are required when replacing the major parts.

Section 6 Overall Block Diagrams

Describes the overall block diagram.

Trademarks

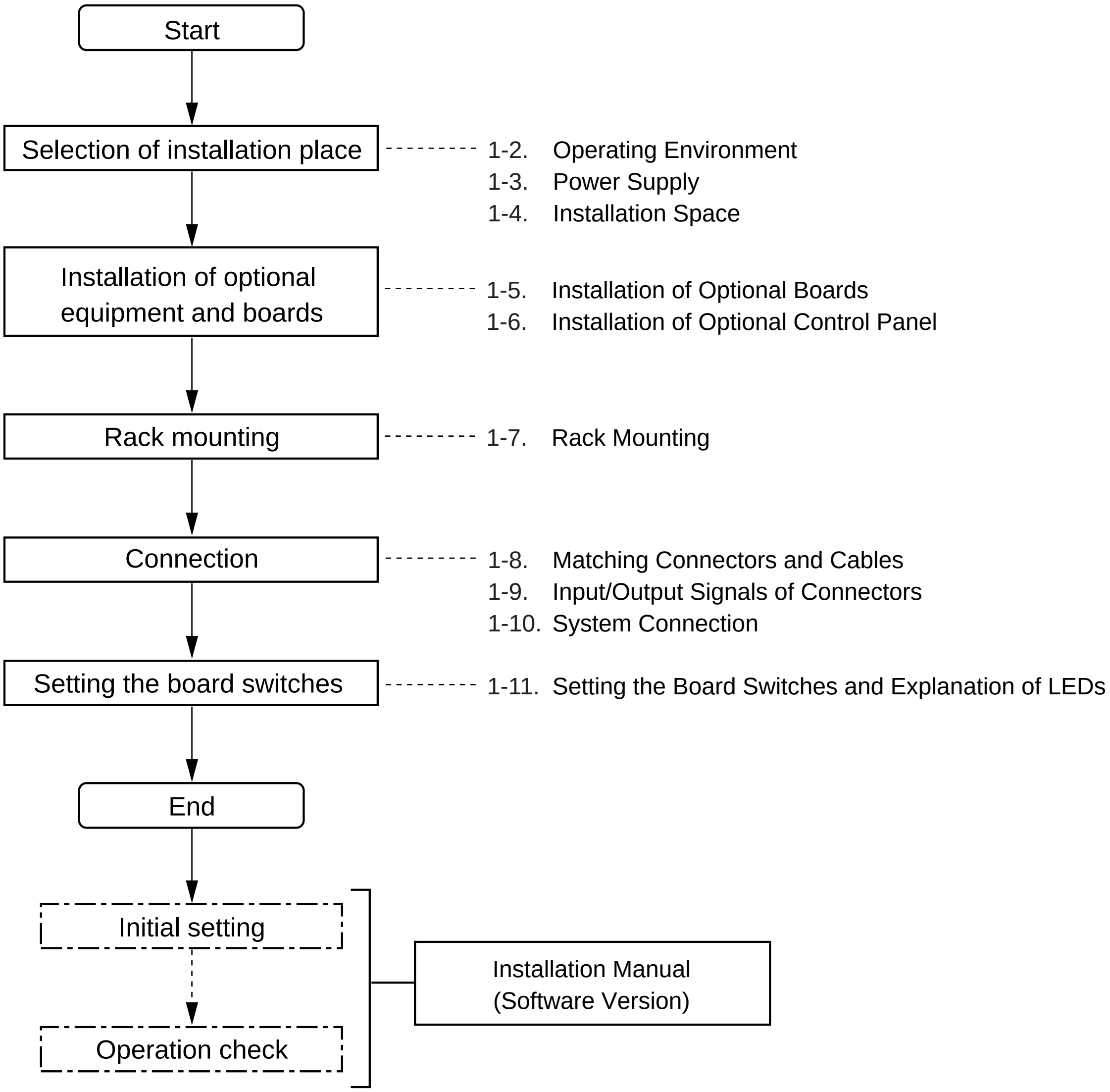
Trademarks and registered trademarks used in this manual are follows.

- Ethernet is a registered trademark of Xerox Corporation.
- Windows is a registered trademark of Microsoft Corporation.

Section 1
Installation

1-1. Installation Procedure

The following chart shows the procedure for installing the unit.
For details of the following chart, refer to the relevant section or related manual.


Start
Selection of installation place
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1-4. Installation Space
Installation of optional equipment and boards
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Setting the board switches
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End
Initial setting
Operation check
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1-2. Operating Environment

WARNING

Do not install the unit in a place subject to excessive oil vapor, steam, moisture, or dust, otherwise a fire or electric shock may result.

Notes

- To prevent the temperature rising inside the unit, ensure there is adequate circulation of air near where the unit is installed. Never block the ventilation holes.
- Never install the unit near a heat source.

Operating temperature : 5 °C to 40 °C
Storage temperature : −20 °C to +60 °C
Operating humidity : 10% to 90% (no condensation)

1-3. Power Supply

1-3-1. Power Specifications

HDS-X3700

Power requirements	AC 100 to 240 V ±10%
Power frequency	50/60 Hz
Leakage current	AC100 V : 6.2 A (max.) AC240 V : 2.6 A (max.)
Inrush current	Power voltage 100 V : 25 A (max.) Power voltage 240 V : 80 A (max.)
Power supply capacity	+12 V DC : 41.6 A (max.)
Power consumption	660 VA (max.)

HDS-X3600

Power requirements	AC 100 to 240 V ±10%
Power frequency	50/60 Hz
Leakage current	AC100 V : 3.3 A (max.) AC240 V : 1.5 A (max.)
Inrush current	Power voltage 100 V : 15 A (max.) Power voltage 240 V : 80 A (max.)
Power supply capacity	+12 V DC : 20.8 A (max.)
Power consumption	340 VA (max.)

HDS-X3400

Power requirements	AC 100 to 240 V ±10%
Power frequency	50/60 Hz
Leakage current	AC100 V : 0.7 A (max.) AC240 V : 0.3 A (max.)
Inrush current	Power voltage 100 V : 20 A (max.) Power voltage 240 V : 100 A (max.)
Power supply capacity	+12 V DC : 6.3 A (max.)
Power consumption	120 VA (max.)

Note

The capacity of the AC power must be commensurate with the inrush current. If the capacity of the AC power is not sufficiently large, the breaker of the AC power on the supply side will trip or the unit will not operate normally.

1-3-2. Power Cord

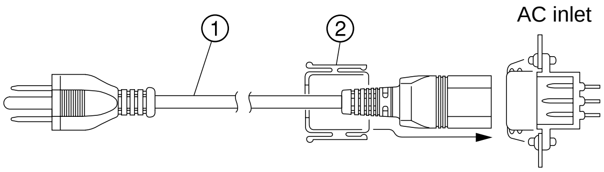
WARNING

The power cords are not supplied with the unit. Be sure to use power cords that are suitable for the place of operation.

For the customer in the U.S.A. and Canada

Required Parts

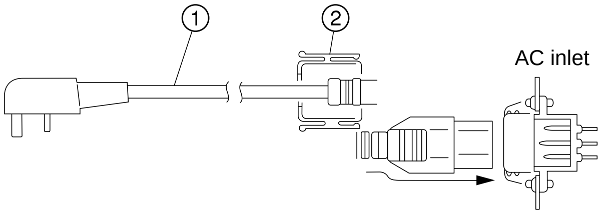
① Power Cord, 125 V 10 A (2.4 m) : 1-557-377-11
② Plug Holder B (Black) : 2-990-242-01



For the customer in the United Kingdom

Required Parts

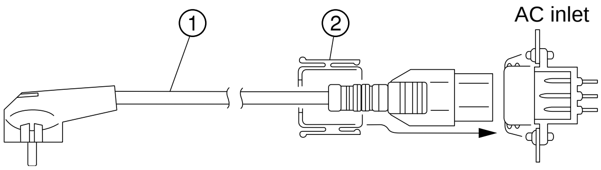
DK-2401 (EK)
① Power Cord, 250 V 10 A (2.4 m)
② Plug Holder B (Black) : 2-990-242-01



For the customer in the all European countries except the United Kingdom

Required Parts

DK-2401 (AE)
① Power Cord, 250 V 10 A (2.4 m)
② Plug Holder B (Black) : 2-990-242-01



Note

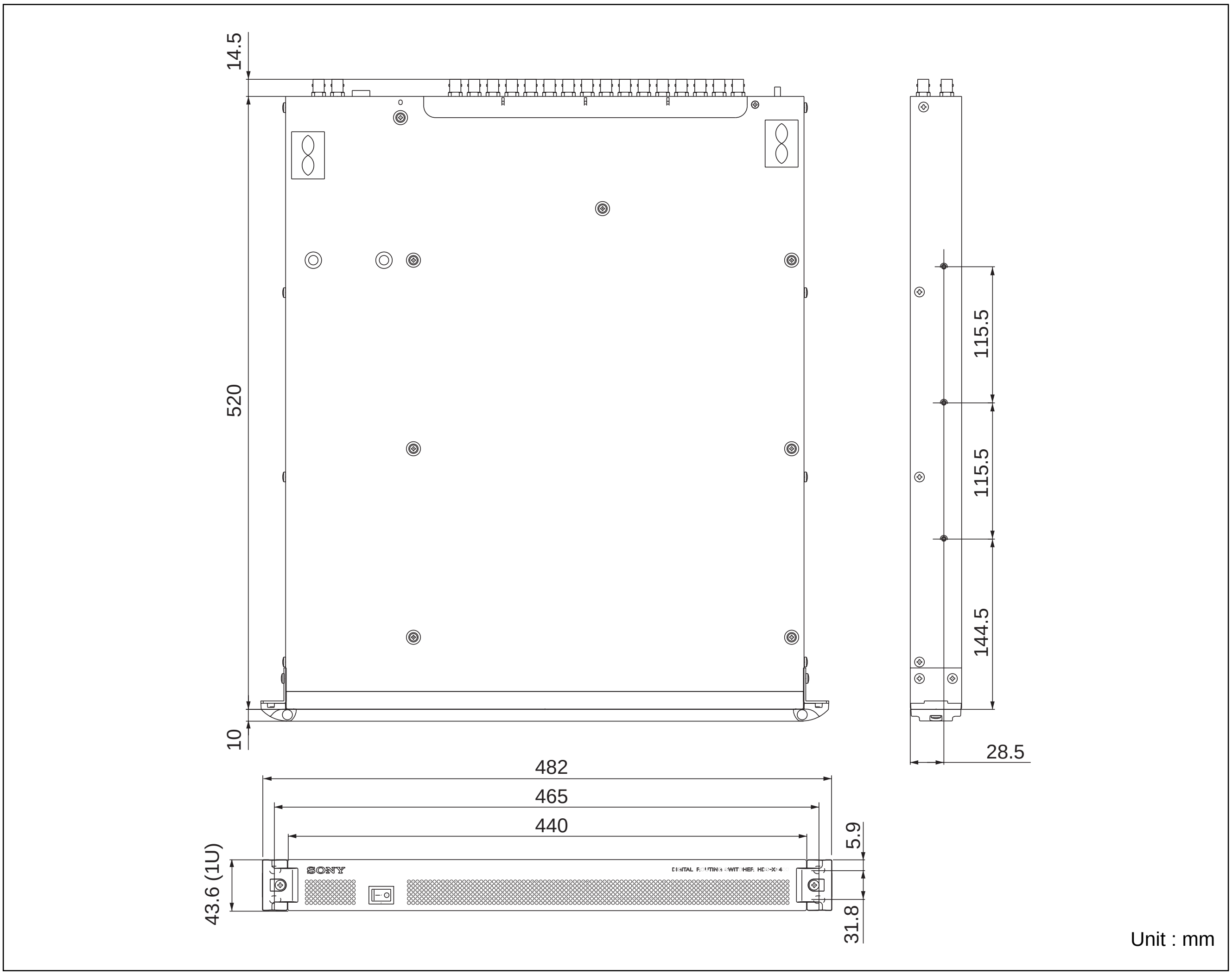
For the customer outside of the area as shown above, please contact your local Sony Sales Office/Service Center.

1-4. Installation Space

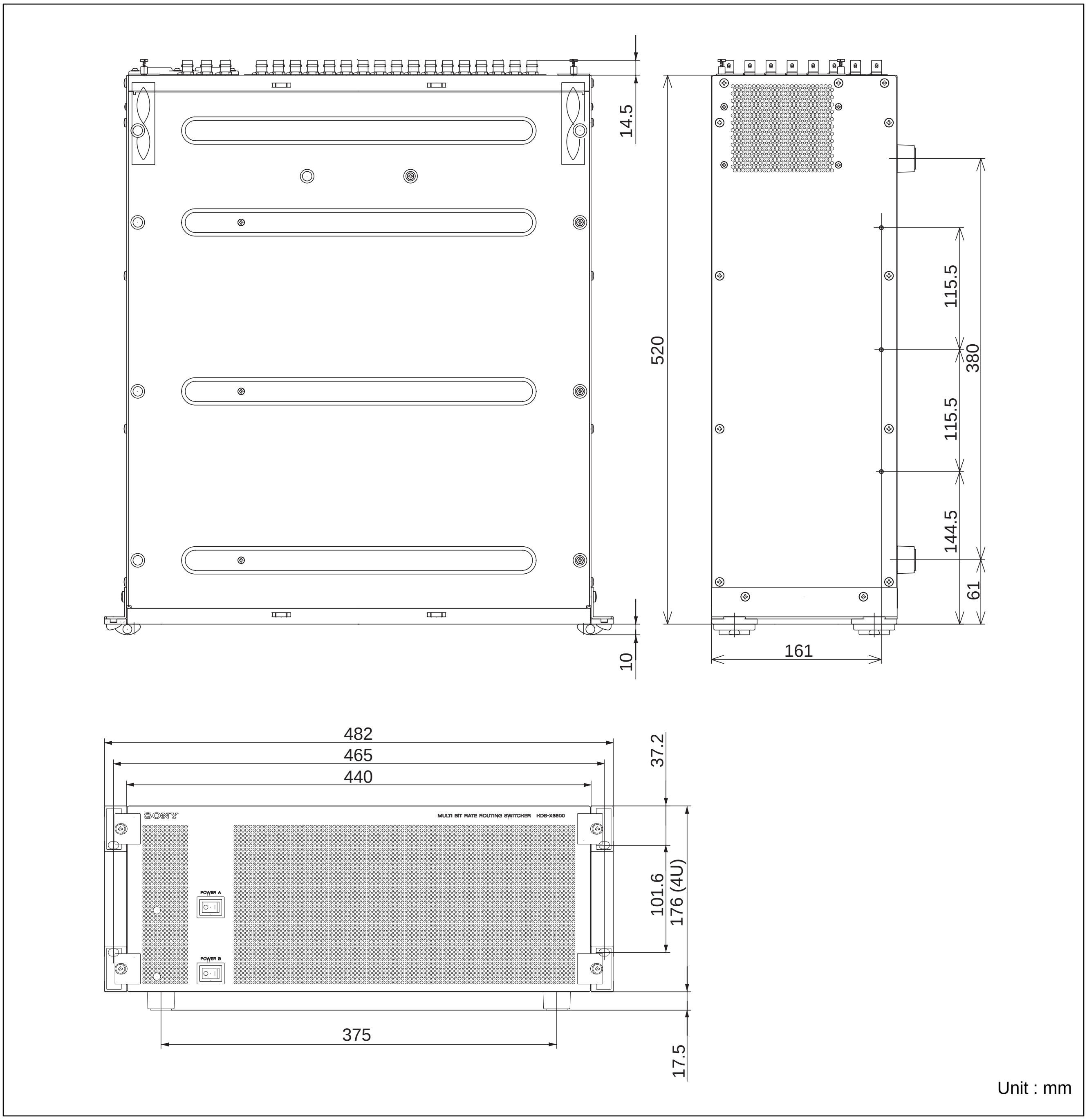
Notes

- The rear side of the unit should be at least 40 cm (16 inches) away from walls for ventilation and maintenance.
- If a fan stops or the exhaust port is blocked, failure or problems may result because the fans at the rear and side of the unit cool the air.

1-4-1. HDS-X3400


14.5
520
10
115.5
115.5
144.5
28.5
482
465
440
5.9
43.6 (1U)
31.8
SONY
Unit : mm

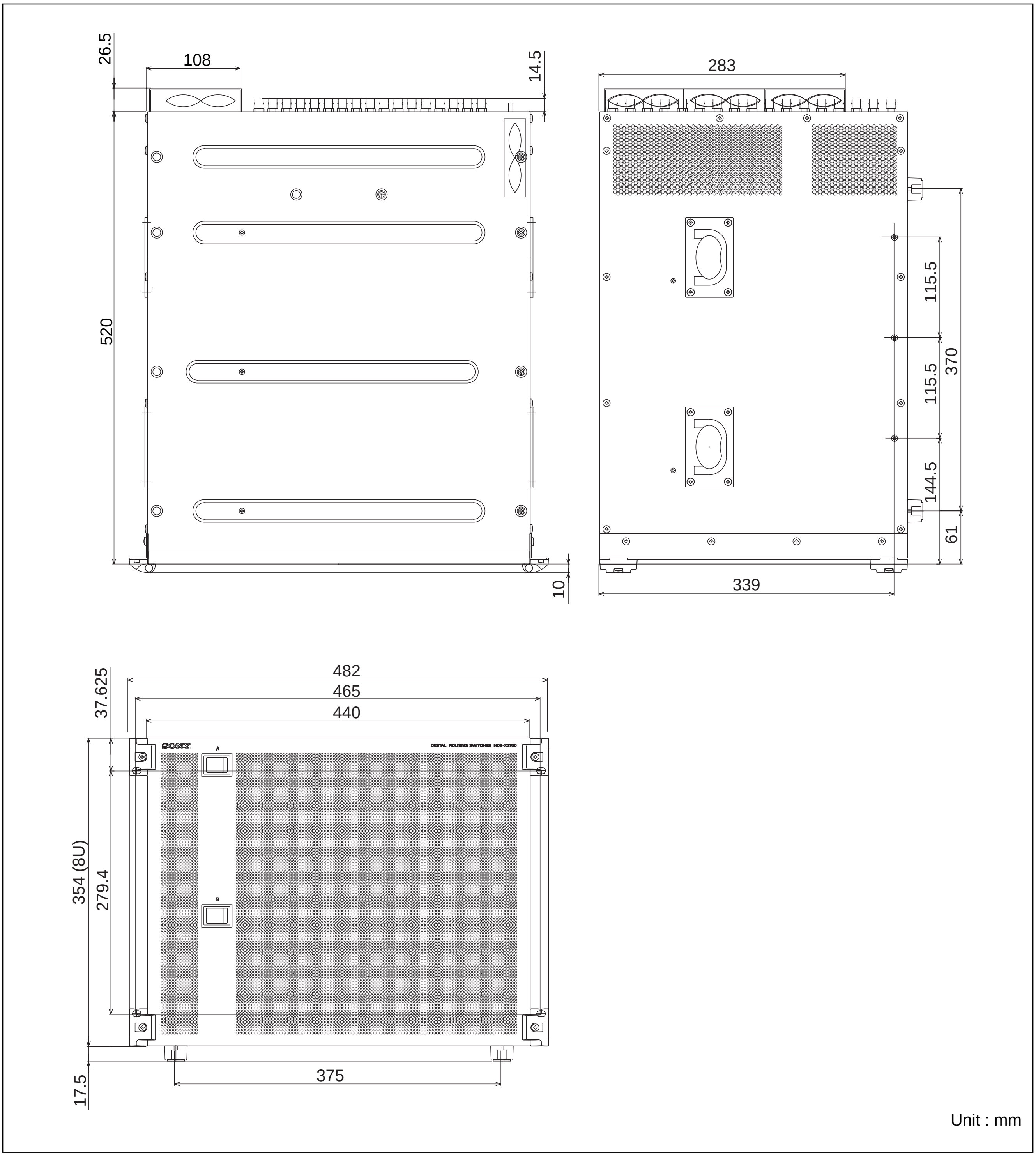
1-4-2. HDS-X3600


14.5
10
520
115.5
380
115.5
144.5
61
161
482
465
440
37.2
SONY
MULTI BIT RATE ROUTING SWITCHER HDS-X3600
POWER A
POWER B
101.6
176 (4U)
375
17.5

Unit : mm

http://getMANUAL.com

1-4-3. HDS-X3700


26.5
108
14.5
520
10
283
115.5
115.5
370
144.5
61
339
482
465
440
37.625
SONY
A
DIGITAL ROUTING SWITCHER HDS-X3700
B
354 (8U)
279.4
375
17.5
Unit : mm

1-5. Installation of Optional Boards

1-5-1. Table of Optional Boards

There are the following optional boards for the HDS-X3400/X3600/X3700 (HDS-X3000 series).

Option name	Function	Application	Board name
HKDS-X3010	Input distribution board	HDS-X3600/X3700	IPM-95 board
HKDS-X3011	SDTV serial input board	HDS-X3400/X3600/X3700	CNI-7 board
HKDS-X3014	Serial input board	HDS-X3400/X3600/X3700	CNI-5 board
HKDS-X3060	Matrix board	HDS-X3600/X3700	MX-96 board
HKDS-X3064	Serial output board	HDS-X3400/X3600/X3700	CNO-5 board

1-5-2. Installation of Plug-in Boards

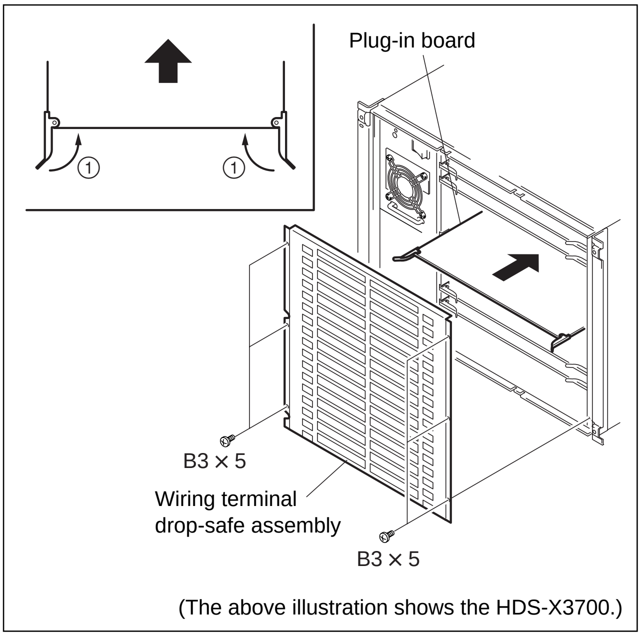
CAUTION

Before installing or removing the boards, be sure to turn off both main switches. If the board is attached or removed with the power on, an electric shock may result or the board may be damaged.

1. Remove the front panel. (Refer to Sections 2-1, 3-1 and 4-1.)
2. Remove the screws, and then remove the wiring terminal drop-safe assembly.
   X3700 : B3 × 5 6 pcs.
   X3600/X3400 : B3 × 5 4 pcs.
3. Insert the plug-in board into the slot with the eject lever open.

Option name	Board name	Application	Slot at the front
HKDS-X3010 input distribution board	IPM-95	HDS-X3600/ X3700	X3600-1, 7 X3700-1, 3, 13, 15
HKDS-X3060 matrix board	MX-96	HKDS-X3600/ X3700	X3600-3, 5 X3700-5, 7, 9, 11

4. While closing the eject lever in the direction of the arrow ①, push in the plug-in board.



(The above illustration shows the HDS-X3700.)

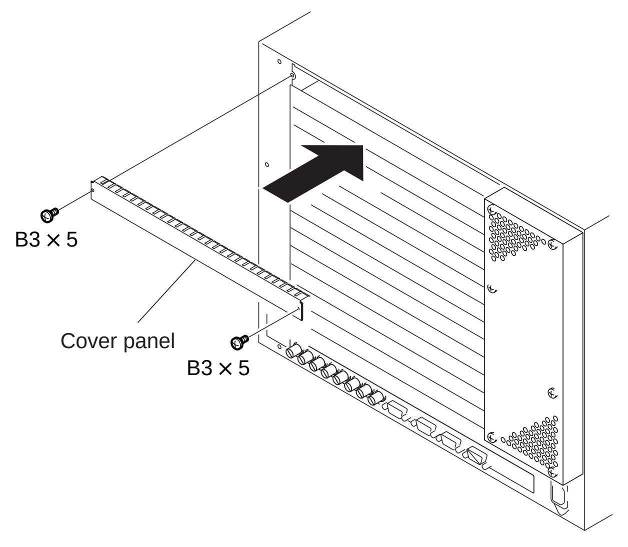
Note

Insert the board while applying equal force to both eject levers.

5. Attach the front panel in reverse order of steps 1 through 2.

1-5-3. Installation of Connector Board

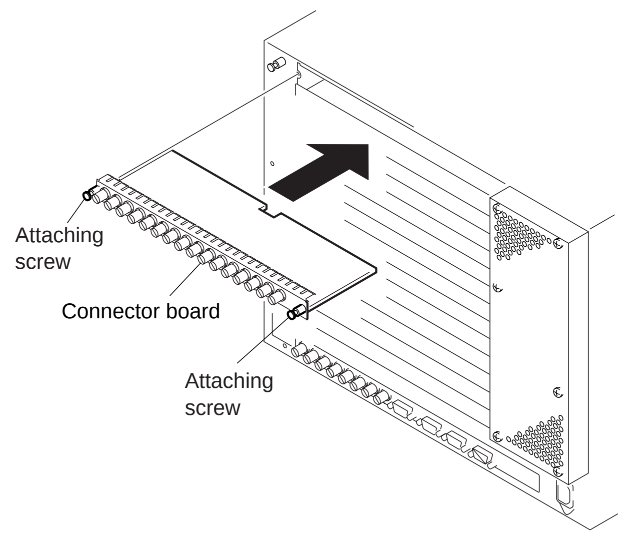
1. Remove the two screws, and then remove the cover panel.



(The above illustration shows the HDS-X3700.)

2. Insert the connector board into the slot horizontally and tighten the two attaching screws.

Option name	Board name	Application	Slot at the rear side
HKDS-X3011 SDTV serial input board	CNI-7	HDS-X3400/ X3600/X3700	IN slot
HKDS-X3014 serial input board	CNI-5	HDS-X3400/ X3600/X3700	IN slot
HKDS-X3064 serial output board	CNO-5	HDS-X3400/ X3600/X3700	OUT slot

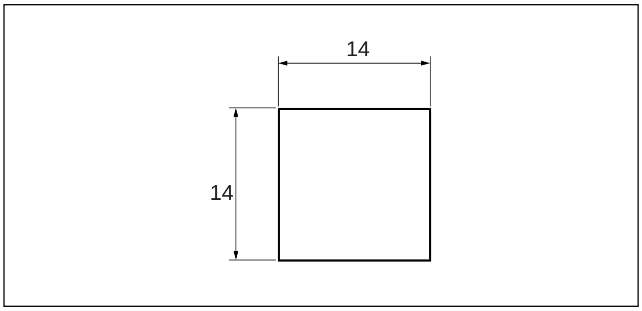


(The above illustration shows the HDS-X3700.)

1-6. Installation of Optional Control Panel (HDS-X3400 only)

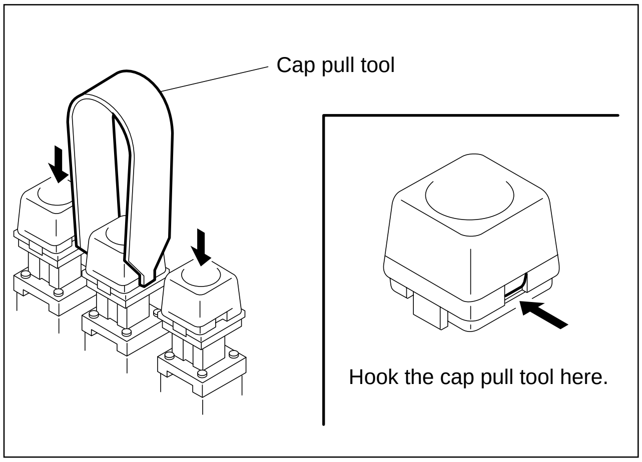
1-6-1. Installation of Switch Chips

The switch chips (key top sheet) are not supplied with the optional control panel (BKS-R3400).
Make switch chips referring to the illustration shown below.

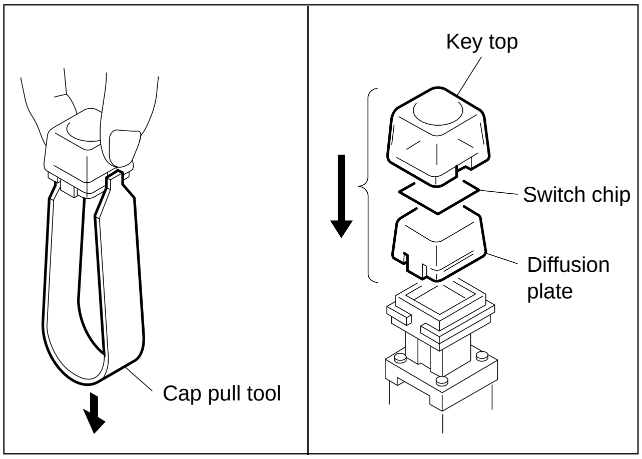


To attach the switch chips, use the cap pull tool.
Tool No. : 3-179-054-01

1. Push down the key top on both sides and insert the cap pull tool in the gap between keys and sides.
2. Hold the key top to remove it.


Cap pull tool
Hook the cap pull tool here.

3. While holding the cap, pull the cap to remove the diffusion plate, switch chip and key top.
4. Insert the switch chip (key top sheet) between the diffusion plate (milky white color) and key top (clear), and assemble them by pushing in the key.

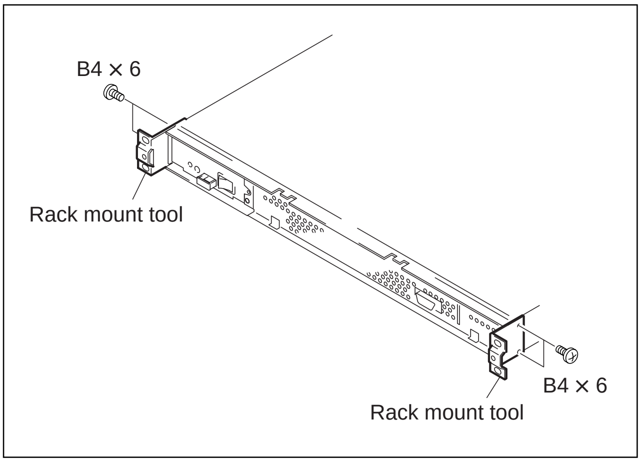

Key top
Switch chip
Diffusion plate
Cap pull tool

1-6-2. Installation of Control Panel

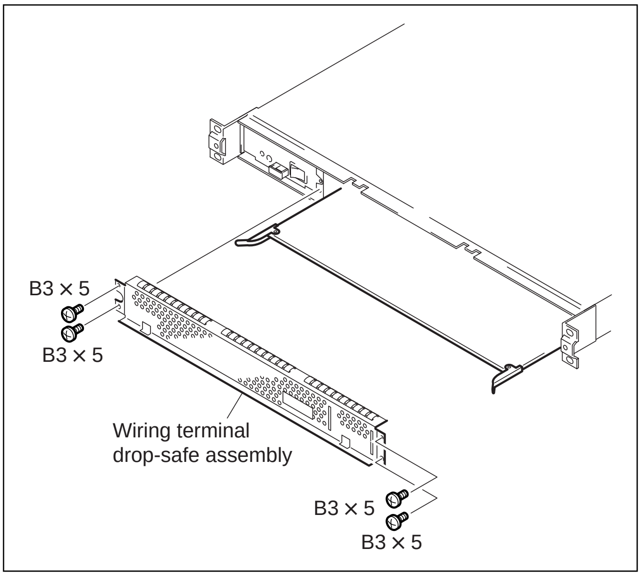
CAUTION

When the BKS-R3400 is installed, the HDS-X3400 cannot be operated because the power supply switch is covered by the panel.
Put another power supply switch or breaker on the AC line.
When attaching or removing the board, be sure to turn off the switch on the AC line or disconnect the power cord.
If the board is attached or removed with the power on, an electric shock may result or the board may be damaged.

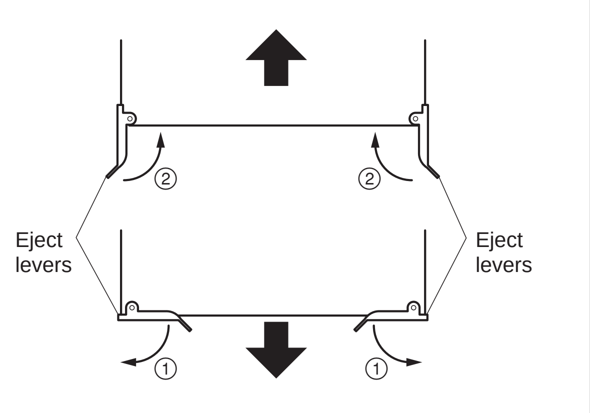
1. Remove the front panel. (Refer to Section 2-1.)
2. Replace the rack mount tool with the one supplied with the BKS-R3400.


B4 × 6
Rack mount tool
B4 × 6
Rack mount tool

3. Remove the four screws, and then remove the wiring terminal drop-safe assembly.


B3 × 5
B3 × 5
Wiring terminal drop-safe assembly
B3 × 5
B3 × 5

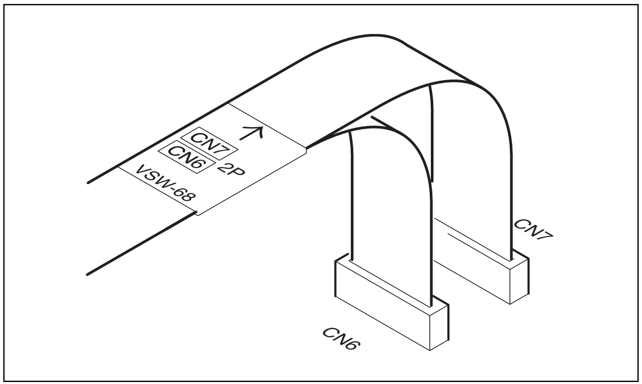
4. Open the eject levers in the direction of the arrow ① and remove the VSW-68 board.


②
②
Eject levers
Eject levers
①
①

5. Connect the two flat cables (13P) (330 mm) supplied with the BKS-R3400 to the connectors (CN6 and CN7) of the VSW-68 board.

   Note

   Connect the flat cable so that the terminal side of the flat cable faces the label side.


CN7
CN6
2P
VSW-68
CN7
CN6

6. Insert the VSW-68 board into the slot with the ejects lever open and push in the board while closing the eject levers in the direction of the arrow ②.

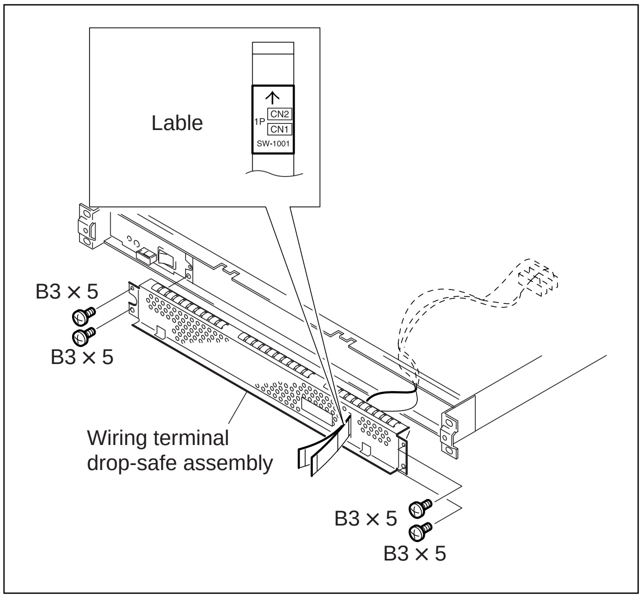
   Note

   Insert the board while applying equal force to both eject levers.

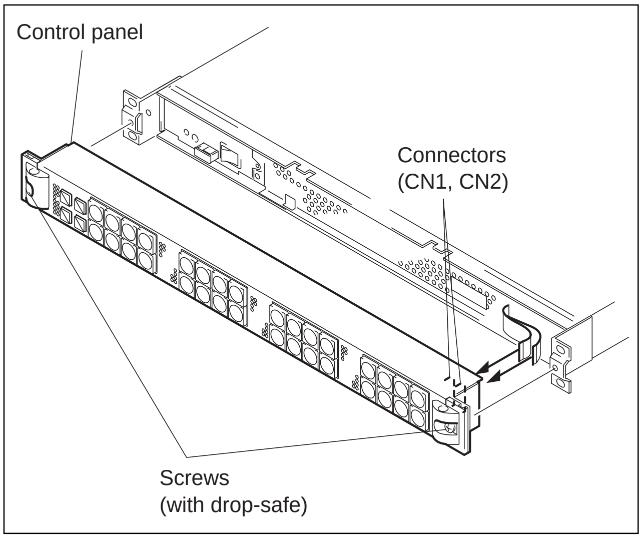
7. Put the two flat cables through the holes of the wiring terminal drop-safe assembly as shown below.

   Note

   Put the wires through the hole so that the label sides of the flat cables face to the right.



8. Attach the wiring terminal drop-safe assembly using the four screws.
9. Connect the flat cables to the connectors (CN1 and CN2) of the SW-1001 board of the control panel according to the label.
10. After confirming that the power cord is disconnected or the switch on the AC line is turned off, turn on the power supply switch of the HDS-X3400.
11. Attach the control panel while being careful to prevent the flat cables from being caught or pulled.
12. Fix the control panel using the two screws (with drop-safe).



1-7. Rack Mounting

The HDS-X3400/X3600/X3700 is mounted in the 19-inch standard rack. To mount the HDS-X3400/X3600/X3700 in the rack, use the specified rack mount kit and follow the procedure described below.

Specified rack mount kit : RMM-10

Note

If other than the specified rack mount kit is used, the unit may not be mounted in the 19-inch standard rack.

Parts of the RMM-10

• Rack tool	2 pcs
• Right rack mount adapter	1 pc
• Left rack mount adapter	1 pc
• Rack tool attaching screw (B4 × 6 : 7-682-560-09)	6 pcs
• Rack tool attaching screw (B4 × 10 : 7-682-560-10)	6 pcs

Other required parts

To mount in the rack, the rack mount kit RMM-10 and the following part are required.

• Screw for rack mounting (B5 × 12 : 7-682-576-04)	4 pcs

1-7-1. Precautions for Rack Mounting

WARNING

- To prevent the rack from falling or moving, fix the rack on a flat and steady floor using bolt or others.
  If the rack falls due to the weight of the equipment, it may cause death or injury.
- Be sure to use the specified rack mount kit.
  If not, injury may result and the equipment may fall due to insufficient strength.
- After rack mounting, be sure to tighten the screws on the rack angle and fix the unit in the rack.
  If the screws on the rack angle are not tightened, the unit may slip from the rack and fall, causing injury.

CAUTION

When mounting the unit in the rack, note the following:

- Be sure to mount in the rack with two persons or more.
- Be careful not to catch your fingers or hands in the rack mount rail or others.
- Mount in the rack in a stable position.

Note

If several units are mounted in a rack, it is recommended to install a ventilation fan to prevent temperature rise inside the rack.

1-7-2. Rack Mounting Procedure

This section describes the rack mounting procedure using the RMM-10 rack mount kit.

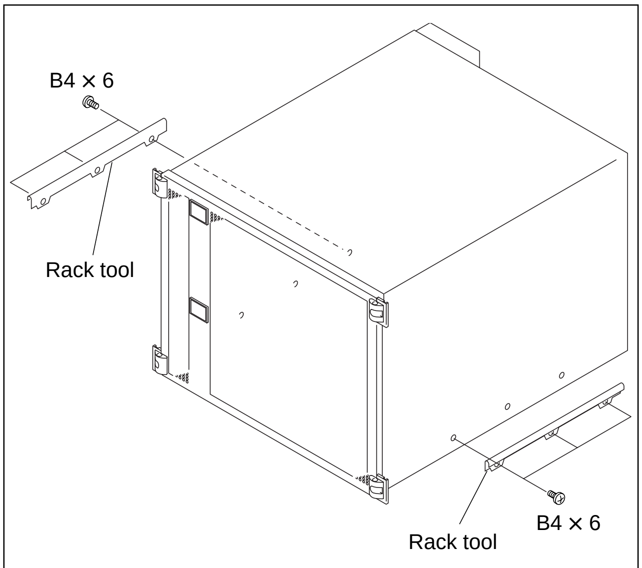
Note

Tighten the screws to the following torque.
Tightening torque : 120×10^{-2} N•m {12.2 kgf•cm}

1. Attach the rack tool to the side of the equipment using the specified six screws.

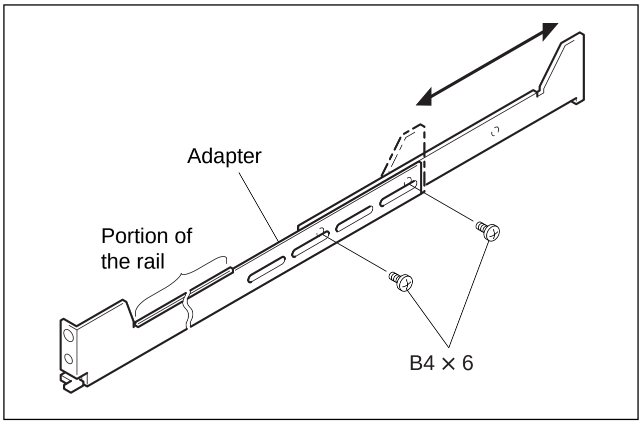
   Note

   Use B4 × 6 screws.



(The above illustration shows the HDS-X3700.)

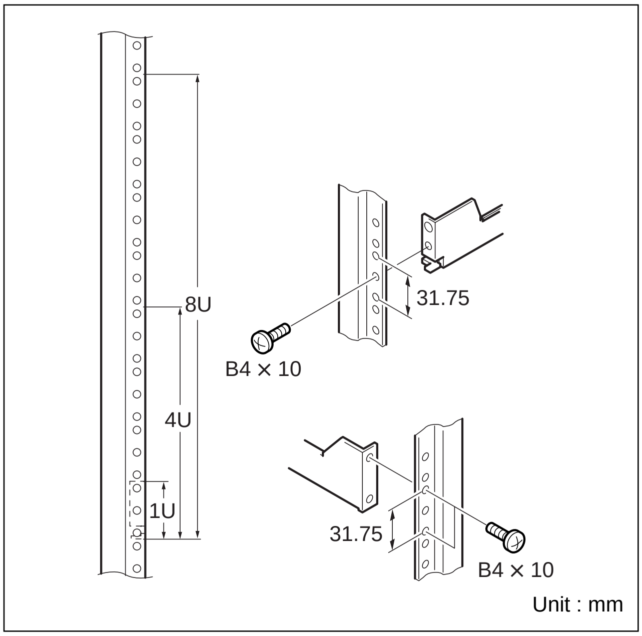
2. Loosen the screws on the rear of the right and left adapters and adjust the length of the adapter according to the depth of the rack.
   (The illustration below shows the left adapter.)



Note

Maximum depth of adapter : 750 mm
Minimum depth of adapter : 595 mm

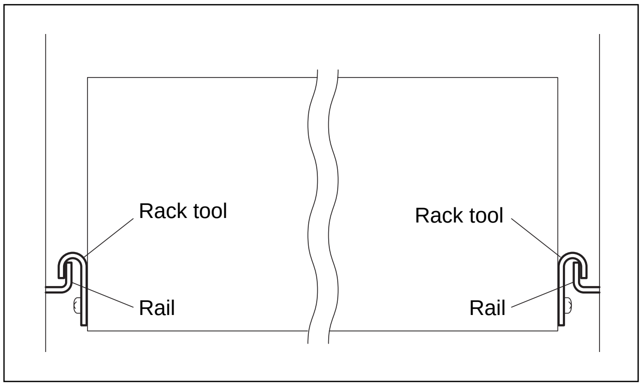
3. Attach the right and left adapters to the rack completely using the specified six screws.
   (The illustration below shows the left adapter.)



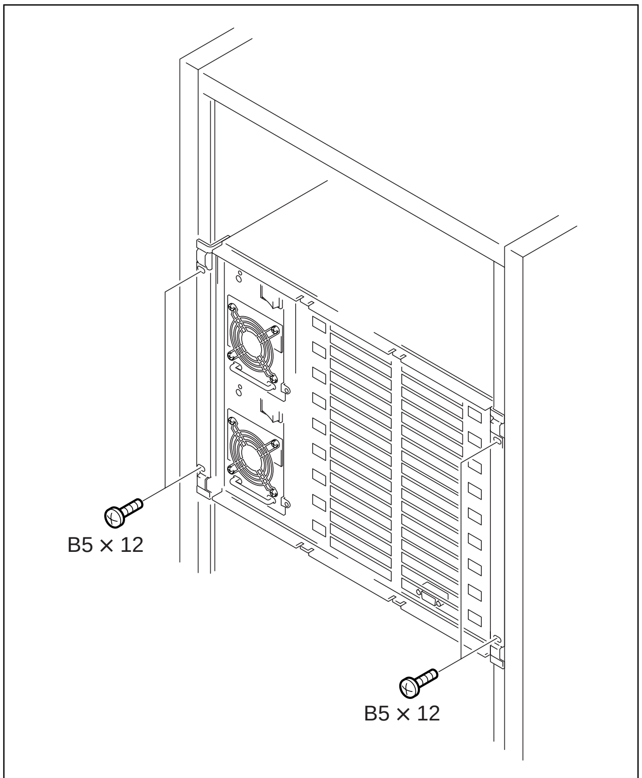
4. Tighten the screws (B4 × 6 : two screws each on the right and left) for adjusting the length of the adapter completely (the screws that were loosened in step 2).
5. Remove the front panel of the equipment.
   (Refer to Sections 2-1, 3-1 and 4-1.)
6. Align the groove of the rack tool at the side of the equipment with the rail, and slide the equipment to the rear.

   Note

   The rack tools are hooked on the rails as shown below.



7. Fix the rack angle in the rack using the specified screws.
   (The illustration below shows the HDS-X3700.)



(The above illustration shows the HDS-X3700.)

8. Attach the front panel to the equipment.
   (Refer to Sections 2-1, 3-1 and 4-1.)

1-8. Matching Connectors and Cables

To connect the cable to the unit, use the following the connectors and /cables or their equivalents.

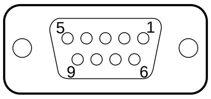
Model name/panel indication	**Connector name**	**Application connector/cable**	
		Name	**Sony part No.**
HDS-X3400			
REMOTE 1	BNC, 75 Ω	BNC, 75 Ω	–
REMOTE 4 (Monitor)		BELDEN8281 cable	
REF IN			
HDS-X3600			
REMOTE 1 A/B			
REMOTE 4 (Monitor)			
REF A/B IN			
HDS-X3700			
REMOTE 1 A/B/C			
REMOTE 4 (Monitor)			
REF A/B IN			
HKDS-X3011			
SDTV Serial VIDEO INPUT 1 to 16			
HKDS-X3014			
Serial VIDEO INPUT 1 to 16	BNC, 75 Ω	BNC, 75 Ω	–
HKDS-X3064		BELDEN1694 cable	
Serial VIDEO OUTPUT 1 to 16			
Serial VIDEO MONITOR OUTPUT			
HDS-X3400			
REMOTE 2	D-sub 9-pin, Female	D-sub 9-pin, Male	
HDS-X3600/X3700		Connector 9-pin Male	1-560-651-00
REMOTE 2 A/B		Junction Shell 9-pin	1-561-749-00
HDS-X3400/X3600/X3700			
REMOTE 3	D-sub 9-pin, Male	D-sub 9-pin, Female	
		Connector 9-pin Female	1-563-815-21
		Junction Shell 9-pin	1-561-749-00
HDS-X3600/X3700			
ALARM	D-sub Mini 15-pin, Female	D-sub Mini 15-pin, Male	
		Connector 15-pin Male	–
		Junction Shell 15-pin	–
HDS-X3400			
NETWORK	RJ-45 modular jack *1	–	–
HDS-X3600/X3700			
NETWORK A/B			

*1 : Conforms to the IEEE 802.3 Ethernet 10BASE-T standards.

1-9. Input and Output Signals of Connectors

The input/output signals of the connectors at the rear panel are as follows.

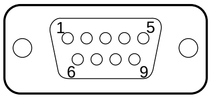
REMOTE 2 (HDS-X3400)
REMOTE 2 A/B (HDS-X3600/X3700) :
RS-422A (D-sub 9-pin, Female)



– EXT VIEW –

Pin No.	Signal name	Function
1	FG	Frame ground
2	TX (–)	Transmitted data (–)
3	RX (+)	Received data (+)
4	GND	Common ground
5	–	Non connect
6	GND	Common ground
7	TX (+)	Transmitted data (+)
8	RX (–)	Received data (–)
9	–	Non connect

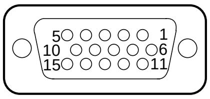
REMOTE 3 (HDS-X3400/X3600/X3700) :
RS-232C (D-sub 9-pin, Male)



– EXT VIEW –

Pin No.	Signal name	Function
1	–	Non connect
2	RX	Received data
3	TX	Transmitted data
4	DTR	Data terminal ready
5	GND	Signal ground
6	DSR	Data set ready
7	RTS	Request to send
8	CTS	Clear to send
9	–	Non connect

ALARM (HDS-X3600/X3700) : D-sub Mini 15-pin, Female



– EXT VIEW –

Pin No.	Signal name	Function
1	GND	Signal ground
2	RELAY-1A	RELAY-1A
3	–	Non connect
4	RELAY-1B	RELAY-1B
5	GND	Signal ground
6	GND	Signal ground
7	–	Non connect
8	–	Non connect
9	–	Non connect
10	GND	Signal ground
11	GND	Signal ground
12	RELAY-2A	RELAY-2A
13	–	Non connect
14	RELAY-2B	RELAY-2B
15	GND	Signal ground

Note

Specifications of the alarm output

Voltage : Maximum DC 20 V between RELAY A and B, and between RELAY and GND
Current : Maximum 0.3 A
Operations : Relationship between the power supply status LED of the unit and ALARM output

Status LED	Lights in green	Flashes in green	Lights in red	Flashes in red
Between RELAY-1 A and B	CLOSE	CLOSE	OPEN	CLOSE
Between RELAY-2 A and B	CLOSE	CLOSE	CLOSE	OPEN

When the main power of the unit is turned off, RELAY-1 and 2 are opened.

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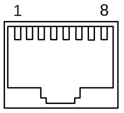
NETWORK (HDS-X3400/X3600/X3700) :
10BASE-T (8-pin, Modular jack)



– EXT VIEW –

Pin No.	Signal name	Function
1	TDB	Transmitted data B (negative)
2	TDA	Transmitted data A (positive)
3	RDB	Received data B (negative)
4	–	Non connect
5	–	Non connect
6	RDA	Received data A (positive)
7	–	Non connect
8	–	Non connect

1-10. System Connection

1-10-1. S-BUS Data Link

The multi bit rate routing switcher system is connected with the S-BUS data link using a 75Ω coaxial cable.

The main equipment of the S-BUS data link is shown in the table below.

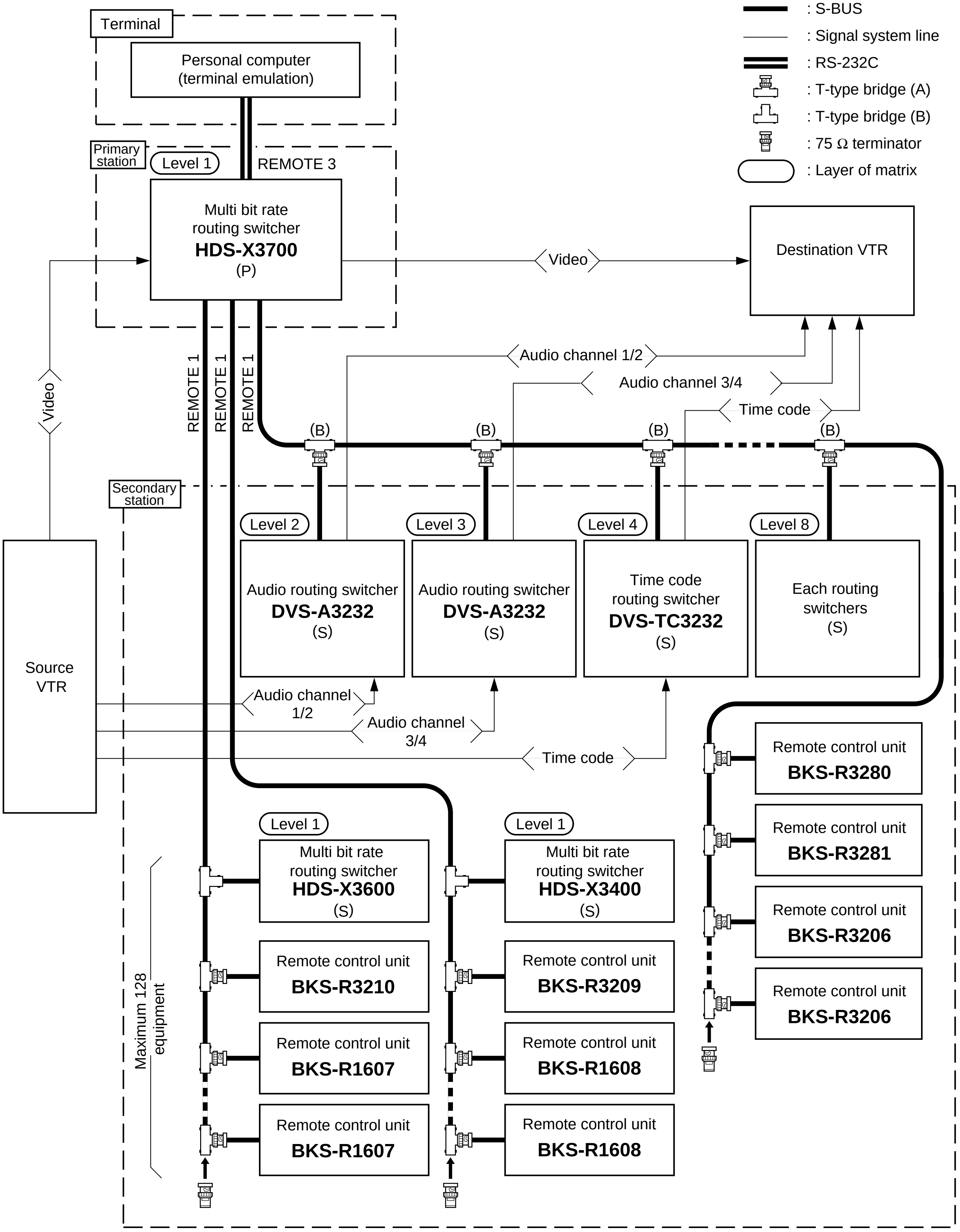
Type in S-BUS data link	**Model (function name)**	**Quantity**	**Function/rule**
Primary station (P)*	Multi bit rate routing switcher HDS-X3700 (multi bit rate routing switcher)	1	Controls the entire S-BUS data link. Can also function as a secondary station.
Secondary station (S)*	Switcher DVS-V6464B/M (video routing switcher) HDS-X3600 (multi bit rate routing switcher) HDS-X3400 (multi bit rate routing switcher) DVS-A3232 (audio routing switcher) DVS-RS1616 (RS-422A remote routing switcher) DVS-TC3232 (time code routing switcher) Remote control unit BKS-R3210 (X-Y control unit) BKS-R3209 (32 button control unit) BKS-R1607 (universal control unit) BKS-R1608 (16 button control unit) BKS-R3206 (8 destination control unit) BKS-R3280 (single status display unit) BKS-R3281 (single status display unit)	253 (max.)	Controls the individual secondary station. Communicates in accordance with the commands from the primary station.
Terminal	PC terminal emulator	1	Establishes the various setups of the system. The errors that have occurred in the S-BUS line are displayed and managed by the emulator.

∗: (P) and (S) indicate the setting of the S/P selector switch on the CPU board inside the routing switcher.

Note

Switchers other than the HDS-X3000 series can be also set as a primary station. In this case, some functions are limited.

The following flow shows an example of the connection when the HDS-X3700 is set as a primary station.

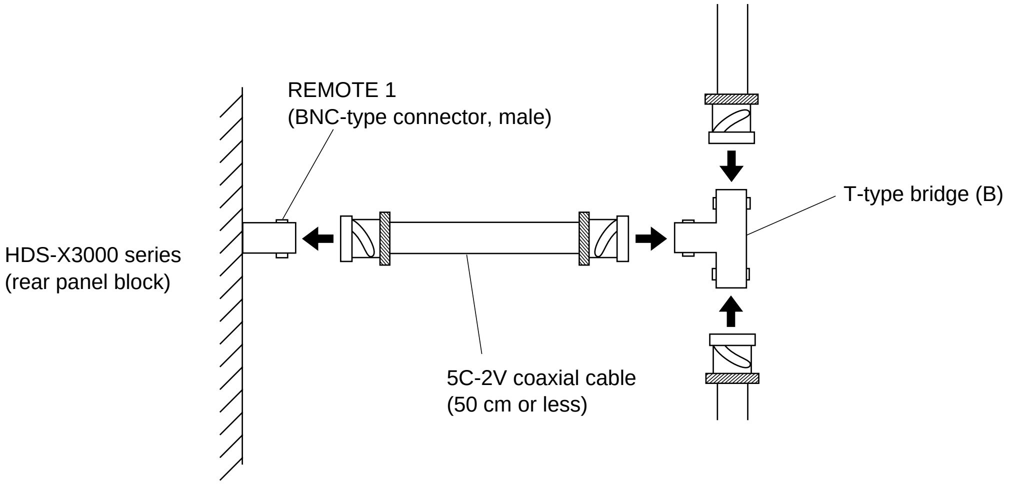

: S-BUS
: Signal system line
: RS-232C
: T-type bridge (A)
: T-type bridge (B)
: 75 Ω terminator
: Layer of matrix
Terminal
Personal computer (terminal emulation)
Primary station
Level 1
REMOTE 3
Multi bit rate routing switcher
HDS-X3700
(P)
Video
Destination VTR
Audio channel 1/2
Audio channel 3/4
Time code
REMOTE 1
REMOTE 1
REMOTE 1
Video
(B)
(B)
(B)
(B)
Secondary station
Level 2
Level 3
Level 4
Level 8
Audio routing switcher
DVS-A3232
(S)
Audio routing switcher
DVS-A3232
(S)
Time code routing switcher
DVS-TC3232
(S)
Each routing switchers
(S)
Source VTR
Audio channel 1/2
Audio channel 3/4
Time code
Remote control unit BKS-R3280
Remote control unit BKS-R3281
Remote control unit BKS-R3206
Remote control unit BKS-R3206
Level 1
Multi bit rate routing switcher
HDS-X3600
(S)
Level 1
Multi bit rate routing switcher
HDS-X3400
(S)
Maximum 128 equipment
Remote control unit BKS-R3210
Remote control unit BKS-R1607
Remote control unit BKS-R1607
Remote control unit BKS-R3209
Remote control unit BKS-R1608
Remote control unit BKS-R1608

Precautions for connection

- For the multi bit rate routing switcher that is used as the primary station, set the S/P selector switch on the CPU-317 board to the “P” position.
- For the routing switcher that is used as the secondary station, set the M/S switch on the CPU board (S/P selector switch in the HDS-X3000 series) to the “S” position.
- A primary station can control up to 253 secondary stations.
- A single S-BUS line can be connected to up to 128 secondary stations.
- The maximum length of a single S-BUS line cable is 500 m (when the 5C-2V cable is used).
- Terminate the T-type bridge that is connected to the last machine of the S-BUS line with a 75 Ω terminator. Also, terminate the unused REMOTE 1 connectors of each switcher with a 75 Ω terminator.
- Among the REMOTE 1 connectors of the secondary routing switcher, only a single REMOTE 1 connector can be used.
- The REMOTE 4 connectors (monitor line) can be connected to the remote control unit BKS-R1607/R1608/R3209/R3210 (version 3.00 and higher).

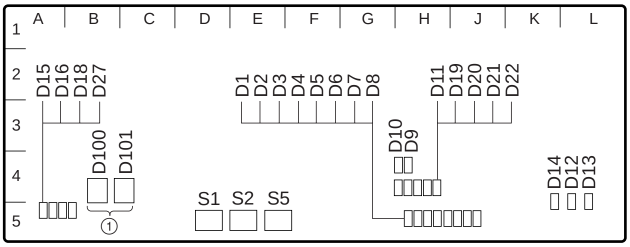
How to use the T-type bridge

The B type of T-type bridge is supplied with the HDS-X3000 series. Prepare coaxial cable (5C-2V) of 50 cm or less and use the T-type bridge as follows.



1-11. Description of Switches and LEDs on Boards

1-11-1. CPU-317 Board (HDS-X3400/X3600/X3700)



(Side A/component side)

① D100 and D101 : ERROR No. display on 7-segment LED

The error number is displayed when an error occurs during self-diagnostics. The contents of the respective errors are shown in the following table. When two or more errors occur at the same time, the error No. of the first error is displayed.

Error No.	Contents
00	Normal run
27	The S-BUS line is disconnected (detected whether the line is terminated by 75 Ω or not).
40	Cross-point error Existence/absence detected at the input and output terminals do not agree.
50	Battery backup error The contents of the backup data cannot be guaranteed.
60	Sync signal error The reference video signal cannot be detected even though the sync mode (SYNC) is selected by switch S2-3 on the CPU-317 board.
70	Fan error The fan installed in the unit has stopped.
71	MX fan error The fan installed in the matrix board has stopped.
72	Temperature rise error The temperature inside the unit has risen abnormally.
73	Insufficient power supply capacity The total demand power of the optional board mounted in the unit exceeds the power supply capacity.
80	ROM/RAM error An error occurs when the ROM check-sum and the RAM writing test are performed immediately after reset. The error occurs only once when the ROM version is upgraded. However, the CPU-317 board is judged defective if the error display does not change even when the system is reset.
FE	Flash writing error The system cannot start because the program was not downloaded normally.
FF	CPU board operation error Normally, the error appears temporarily then disappears when the system is reset. If the error display does not change when the system is reset, the CPU-317 board is defective.

D1 (H-5) : RS-422-A TX LED

Turns on for about 0.15 second when data is output to the RS-422 line of the REMOTE 2A (HDS-X3600/X3700) or the REMOTE 2 (HDS-X3400) connector.

D2 (H-5) : RS-422-A RX LED

Turns on for about 0.15 second when data is received from the RS-422 line of the REMOTE 2A (HDS-X3600/X3700) or the REMOTE 2 (HDS-X3400) connector.

D3 (H-5) : RS-422-B TX LED (HDS-X3600/X3700)

Turns on for about 0.15 second when data is output to the RS-422 line of the REMOTE 2B connector.

D4 (H-5) : RS-422-B RX LED (HDS-X3600/X3700)

Turns on for about 0.15 second when data is received from the RS-422 line of the REMOTE 2B connector.

D5 (H-5) : ACTIVE LED

Turns on when the bus can communicate with the exterior.

D6 (J-5) : PRIMARY LED

Turns on when the CPU-317 board is set to the primary station.

D7 (J-5) : RUN LED

Turns on when the CPU board runs normally.

D8 (J-5) : ERROR LED

Turns on when self-diagnostics are performed periodically and an error occurs. (It turns on in case of a cross-point error, fan stoppage, temperature rise error, insufficient power capacity, ROM/RAM error, disconnection of the S-BUS line (detected whether the line is terminated by 75 Ω or not) or backup CPU/backup power supply unit (HDS-X3600/X3700) operation error with the CPU/power supply installed.)

D9 (H-4) : ACTIVE LED

Turns on when the network can communicate.

D10 (H-4) : 10BASE-T MODE LED

Turns on when the unit is connected to the network by 10BASE-T.

D11 (H-4) : 100BASE-TX MODE LED

Turns on when the unit is connected to the network by 100BASE-TX.

D12 (L-4): RUN LED

Turns on when the CPU board runs normally.

D13 (L-4): FAIL LED

Turns on when a system error occurs in the unit.

D14 (K-4) : DV LED

Displays whether the video reference signal exists or not.

D15 (A-5) : +5 V LED

Turns on when the +5 V power supply operation is normal, and turns off when the operation is abnormal.

D16 (A-5) : +3 V LED

Turns on when the +3 V power supply operation is normal, and turns off when the operation is abnormal.

D18 (A-5) : –5 V LED

Turns on when the –5 V power supply operation is normal, and turns off when the operation is abnormal. (Turns off in the HDS-X3000 series because –5 V power supply operation is not performed.)

D19 (H-4) : RX LED

Turns on when data is received from the modular jack.

D20 (H-4) : TX LED

Turns on when data is output from the modular jack.

D21 (H-4) : LINK LED

Turns on when the network is connected.

D22 (H-4) : COLL LED

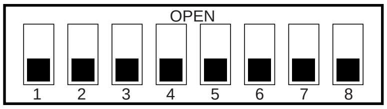
Turns on when collision occurred on the network when the network is connected.

D27 (B-5) : +12V LED

Turns on when the +12 V power supply operation is normal, and turns off when the operation is abnormal.

S1 (D-5) : STATION ID setting switch
8-pin piano type switch

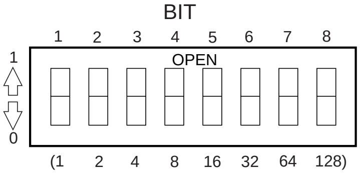
This switch is used to set the station address of the unit in the data link when the unit is connected to the S-BUS data link using the REMOTE 1 connector.



Factory setting
(■ indicates the switch lever position.)

S2-2 : The station ID is fixed to “1” when the S/P selector switch is open (primary station).

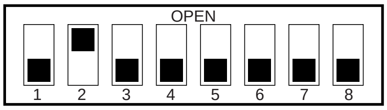
S2-2 : S/P selector switch is turned close (secondary station), set the station address to any number other than “0”, “1” or “255”. The address must be selected so that the station address is not duplicated with the address of other secondary stations.



Setting example

Bit / Station address	1	2	3	4	5	6	7	8
8	0	0	0	1	0	0	0	0
50	0	1	0	0	1	1	0	0
200	0	0	0	1	0	0	1	1

S2 (E-5) : STATUS setting switch
8-pin piano type switch



Factory setting
(■ indicates the switch lever position.)

BIT1 : REMOTE 1 baud rate switch

This switch is used to set the baud rate of the S-BUS data link connected to the REMOTE 1 connector. The setting of other equipment that is connected to the same S-BUS data link must be the same. When the 1250 kbps baud rate is selected, a 75 Ω terminator must be connected to both ends of the cable.

OPEN : 1250 kbps
CLOSE : 312 kbps

BIT2 : S/P selector switch

This switch is used to select whether the unit operates as a primary station or a secondary station when it is connected to the S-BUS data link with the REMOTE 1 connector.

OPEN : PRIMARY (Operates as a primary station.)
CLOSE : SECONDARY (Operates as a secondary station.)

BIT3 : SYNC/ASYNC selector switch

This switch selects whether the input video signals are switched synchronously or asynchronously with the reference video signal that is input to the REF IN connector. The unit operates asynchronously even if this switch is set to SYNC, unless the reference video signal is input to the REF IN connector. In this case, this is detected as an error.

OPEN : ASYNC (asynchronous mode)
CLOSE : SYNC (synchronous mode)

BIT4 : REMOTE 3 baud rate setting switch

This switch is used to select whether the RS-232C transfer speed is 38400 bps or 9600 bps when the REMOTE 3 connector of the unit is used.

OPEN : 9600 bps
CLOSE : 38400 bps

BIT5 : Table data size setting switch

This switch selects either 128 bytes or 32 bytes for the size of the S-BUS table that the primary station outputs.
When setting 32 bytes and setting the sync selector of the REF IN A channel to ODD, the S-BUS remote enters the frame sync mode.
In the frame sync mode, the unit ID numbers that can be connected are fixed to 2 to 15.

OPEN : 32 bytes
CLOSE : 128 bytes

BIT6 and 7 : Not used.

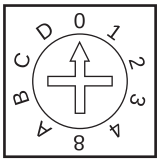
Use the switches with the default setting (CLOSE) as shipped from the factory.

BIT8 : Debug mode switch

Use the switch normally with the default setting (CLOSE) as shipped from the factory.

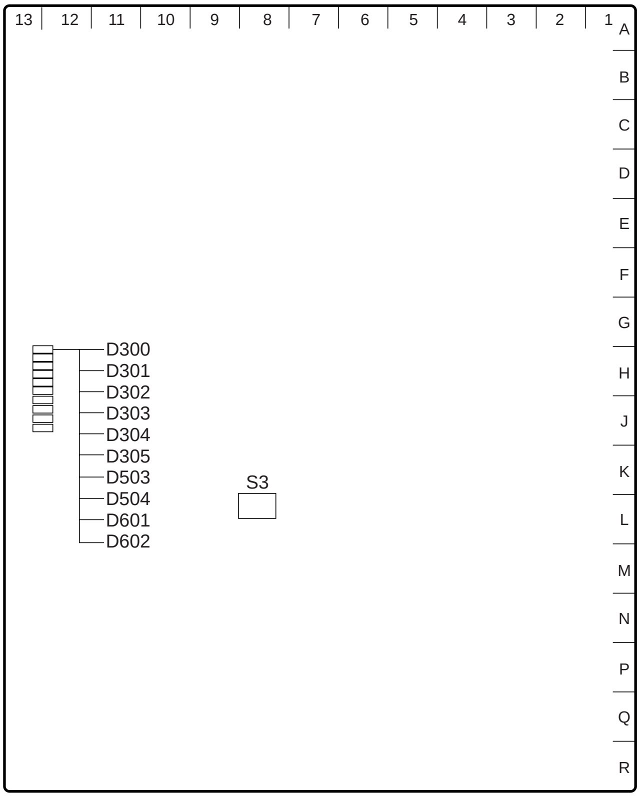
S5 (E-5) : TEST rotary switch

This switch is used for adjustment in the factory. Do not change the setting.



Factory setting

1-11-2. CPU-294 Board (HDS-X3600/X3700)



(Side A/component side)

D300 (H-12) : SP LED

The reference status (REF A or B) checked by the status LEDs D301 to D305 is monitored every second, and this LED turns off when the status LEDs are checking REF A, and turns on when the status LEDs are checking REF B.

D301 (H-12) : HD p LED

Turns on when the HDTV progressive signal is input to the REF IN connector.

D302 (H-12) : HD i LED

Turns on when the HDTV interlace signal is input to the REF IN connector.

D303 (H-12) : PAL LED

Turns on when the PAL signal is input to the REF IN connector.

D304 (H-12) : NTSC p LED

Turns on when the NTSC progressive signal is input to the REF IN connector.

D305 (H-12) : NTSC i LED

Turns on when the NTSC interlace signal is input to the REF IN connector.

D503 (J-12) : S-BUS TX LED

Turns on for about 0.15 second when data is output to the REMOTE 1 connector.

D504 (J-12) : S-BUS RX LED

Turns on for about 0.15 second when data for local station is received from the REMOTE 1 connector.

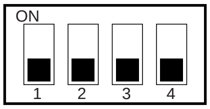
D601 (J-12) : MONITOR S-BUS TX LED

Turns on for about 0.15 second when data is output to the MONITOR S-BUS data link of the REMOTE 1 connector.

D602 (J-12) : MONITOR S-BUS RX LED

Turns on for about 0.15 second when data is input to the MONITOR S-BUS data link of the REMOTE 1 connector.

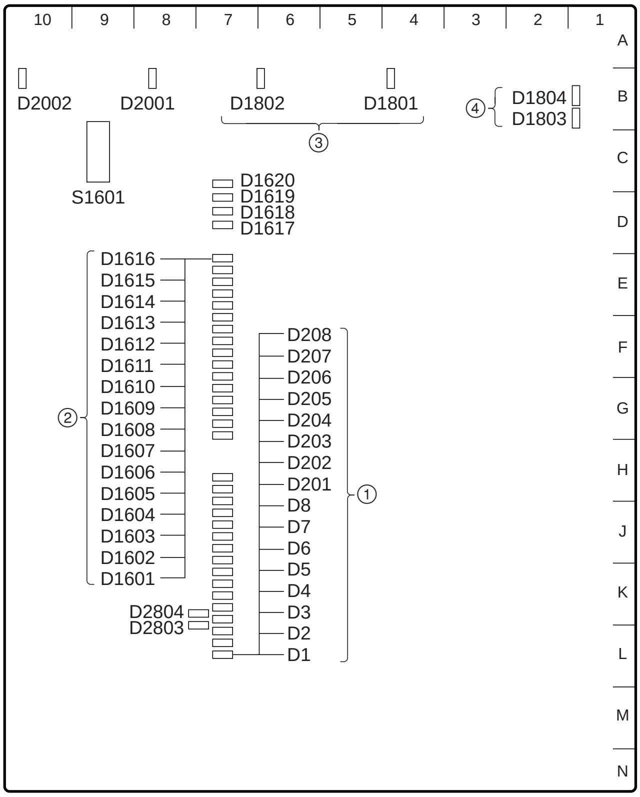
S3 (K-8) : Not used
4-pin DIP switch



Factory setting
(■ indicates the switch lever position.)

Use the switch with the default setting (OFF) as shipped from the factory.

1-11-3. VSW-68 Board (HDS-X3400)


10
9
8
7
6
5
4
3
2
1
A
B
C
D
E
F
G
H
J
K
L
M
N
D2002
D2001
D1802
D1801
③
④
D1804
D1803
S1601
D1620
D1619
D1618
D1617
②
D1616
D1615
D1614
D1613
D1612
D1611
D1610
D1609
D1608
D1607
D1606
D1605
D1604
D1603
D1602
D1601
D2804
D2803
D208
D207
D206
D205
D204
D203
D202
D201
D8
D7
D6
D5
D4
D3
D2
D1
①

(Side A/component side)

① **D1 to D8, D201 to D208 : IN LED**
Turns on when a signal is input to each channel (1 to 16), and turns off when a signal is not input.

② **D1601 to D1616 : OUT LED**
Turns on when a signal is output to each channel (1 to 16), and turns off when a signal is not output.

③ **D1801 and D1802 : +5 V LED**
Turns on when the +5 V power supply operation is normal, and turns off when the operation is abnormal.

④ **D1803 and D1804 : CNI/CNO LED**
Turns on when the power supply operation of the connector board is normal, and turns off when the operation is abnormal.

D1617 (D-7) : RC4 LED
Turns on when the re-clockers of channels 13 to 16 are operating.

D1618 (D-7) : RC3 LED
Turns on when the re-clockers of channels 9 to 12 are operating.

D1619 (D-7) : RC2 LED
Turns on when the re-clockers of channels 5 to 8 are operating.

D1620 (C-7) : RC1 LED
Turns on when the re-clockers of channels 1 to 4 are operating.

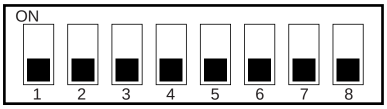
D2001 (B-8) : +3.3 V LED
Turns on when the +3.3 V power supply operation is normal, and turns off when the operation is abnormal.

D2002 (B-10) : +7 V LED
Turns on when the +7 V power supply operation is normal, and turns off when the operation is abnormal.

D2803 (K-7) : STX LED
Turns on for about 0.5 second when data is output to the S-BUS data link of the REMOTE 1 connector. It turns on continuously when the unit is used as the primary station and when the unit is operated internally if the unit is used as the secondary station.

D2804 (K-7) : SRX LED
Turns on for about 0.5 second when the unit receives data that is addressed to the local station from the S-BUS data link via the REMOTE 1 connector.

S1601 (C-9) : Re-clocker BYPASS CONTROL switch
8-pin DIP switch


ON
1
2
3
4
5
6
7
8

Factory setting
(■ indicates the switch lever position.)

BIT1 and 2 : Not used.
Use the switches with the default setting (OFF) as shipped from the factory.

BIT3 : Remote/Local control selector switch
ON : Local
OFF : Remote

BIT4 : Not used.
Use the switch with the default setting (OFF) as shipped from the factory.

BIT5 : Channels 13 to 16 BYPASS switch

ON : Channels 13 to 16 BYPASS ON
OFF : Channels 13 to 16 BYPASS OFF

BIT6 : Channels 9 to 12 BYPASS switch

ON : Channels 9 to 12 BYPASS ON
OFF : Channels 9 to 12 BYPASS OFF

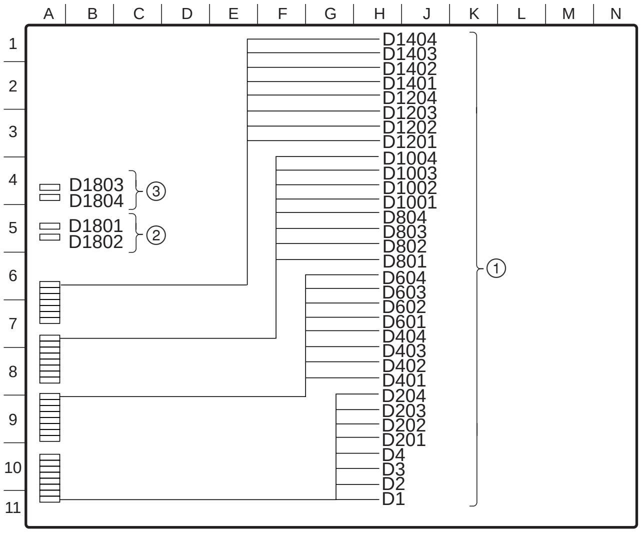
BIT7 : Channels 5 to 8 BYPASS switch

ON : Channels 5 to 8 BYPASS ON
OFF : Channels 5 to 8 BYPASS OFF

BIT8 : Channels 1 to 4 BYPASS switch

ON : Channels 1 to 4 BYPASS ON
OFF : Channels 1 to 4 BYPASS OFF

1-11-4. IPM-95 Board (HKDS-X3010)


A
B
C
D
E
F
G
H
J
K
L
M
N
1
2
3
4
5
6
7
8
9
10
11
D1404
D1403
D1402
D1401
D1204
D1203
D1202
D1201
D1004
D1003
D1002
D1001
D804
D803
D802
D801
D604
D603
D602
D601
D404
D403
D402
D401
D204
D203
D202
D201
D4
D3
D2
D1
①
D1803
D1804
③
D1801
D1802
②

(Side A/component side)

① D1 to D4, D201 to D204, D401 to D404, D601 to D604, D801 to D804, D1001 to D1004, D1201 to D1204, D1401 to D1404 : IN LED

Turn on when a signal is input to each of channels 1 to 32, and turn off when a signal is not input.

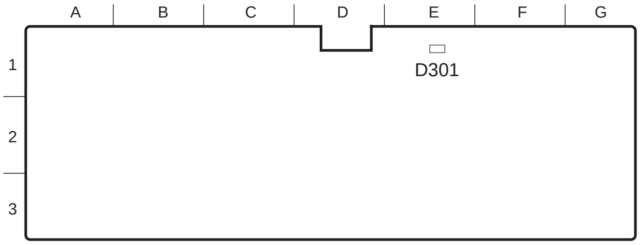
② D1801 and D1802 : +5 V LED

Turn on when the +5 V power supply operation is normal, and turn off when the operation is abnormal.

③ D1803 and D1804 : CNI (B)/CNI (A)

Turn on when the power supply operation of the connector board is normal, and turn off when the operation of the connector board is abnormal or the connector board is not installed.

1-11-5. CNI-7 Board (HKDS-X3011)

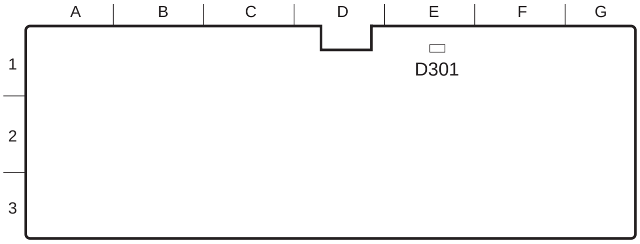

A
B
C
D
E
F
G
1
2
3
D301

(Side A/component side)

D301 (E-1) : +5 V LED

Turns on when the +5 V power supply operation is normal, and turns off when the operation is abnormal.

1-11-6. CNI-5 Board (HKDS-X3014)


A
B
C
D
E
F
G
1
2
3
D301

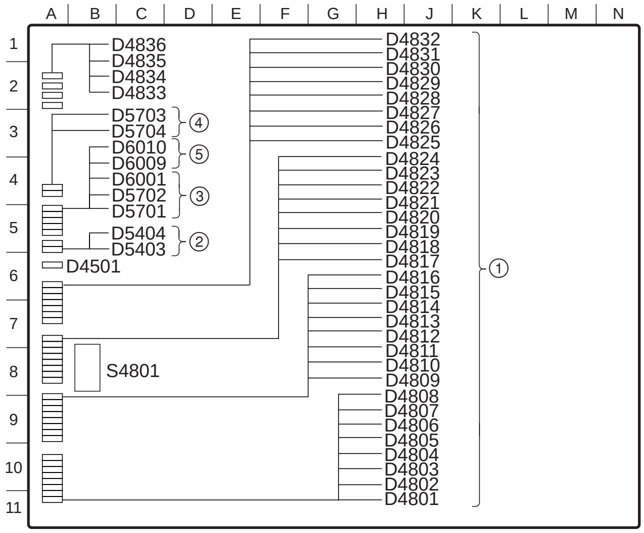
(Side A/component side)

D301 (E-1) : +5 V LED

Turns on when the +5 V power supply operation is normal, and turns off when the operation is abnormal.

http://getMANUAL.com

1-11-7. MX-96 Board (HKDS-X3060)


A
B
C
D
E
F
G
H
J
K
L
M
N
1
2
3
4
5
6
7
8
9
10
11
D4836
D4835
D4834
D4833
D5703
D5704
④
D6010
D6009
⑤
D6001
D5702
D5701
③
D5404
D5403
②
D4501
S4801
D4832
D4831
D4830
D4829
D4828
D4827
D4826
D4825
D4824
D4823
D4822
D4821
D4820
D4819
D4818
D4817
D4816
D4815
D4814
D4813
D4812
D4811
D4810
D4809
D4808
D4807
D4806
D4805
D4804
D4803
D4802
D4801
①

(Side A/component side)

① D4801 to D4832 : OUT LED

Turn on when a signal is output from each of channels 1 to 32, and turn off when a signal is not output.

② D5403 and D5404 : FAN 1/FAN 2 LED

Light in green when the fan on the matrix IC runs normally, and light in red when the fan runs abnormally.

③ D5701, D5702 and D6001 : +5 V LED

Turn on when the +5 V power supply operation is normal, and turn off when the operation is abnormal.

④ D5703 and D5704 : CNO (A)/CNO (B) LED

Turn on when the power supply operation of the connector board is normal, and turn off when the operation of the connector board is abnormal or the connector board is not installed.

⑤ D6009 and D6010: +3 V LED

Turn on when the +3 V power supply operation is normal, and turn off when the operation is abnormal.

D4501 (A-6) : M-OUT LED

Turns on when a signal is output from MONITOR OUT and turn off when a signal is not output.

D4833 (A-2) : RC1 LED

Turns on when the re-clockers of channels 1 to 8 are operating.

D4834 (A-2) : RC2 LED

Turns on when the re-clockers of channels 9 to 16 are operating.

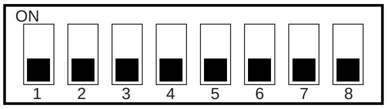
D4835 (A-2) : RC3 LED

Turns on when the re-clockers of channels 17 to 24 are operating.

D4836 (A-2) : RC4 LED

Turns on when the re-clockers of channels 25 to 32 are operating.

S4801 (B-8) : Re-clocker BYPASS CONTROL switch 8-pin DIP switch


ON
1
2
3
4
5
6
7
8

Factory setting
(■ indicates the switch lever position.)

BIT1 and 2 : Not used.

Use the switches with the default setting (OFF) as shipped from the factory.

BIT3 : Remote/Local control selector switch

ON : Local
OFF : Remote

BIT4 : MONITOR BYPASS switch

ON : MONITOR BYPASS ON
OFF : MONITOR BYPASS OFF

BIT5 : Channels 25 to 32 BYPASS switch

ON : Channels 25 to 32 BYPASS ON
OFF : Channels 25 to 32 BYPASS OFF

BIT6 : Channels 17 to 24 BYPASS switch

ON : Channels 17 to 24 BYPASS ON
OFF : Channels 17 to 24 BYPASS OFF

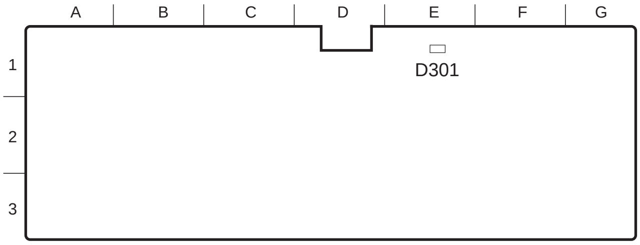
BIT7 : Channels 9 to 16 BYPASS switch

ON : Channels 9 to 16 BYPASS ON
OFF : Channels 9 to 16 BYPASS OFF

BIT8 : Channels 1 to 8 BYPASS switch

ON : Channels 1 to 8 BYPASS ON
OFF : Channels 1 to 8 BYPASS OFF

1-11-8. CNO-5 Board (HKDS-X3064)



(Side A/component side)

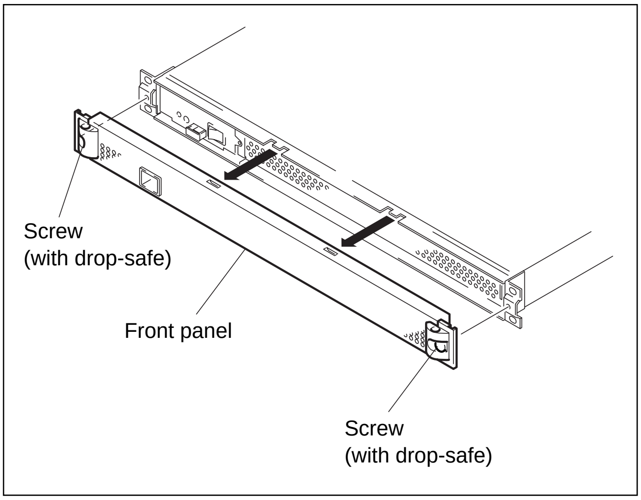
D301 (E-1) : +5 V LED
Turns on when the +5 V power supply operation is normal, and turns off when the operation is abnormal.

Section 2
HDS-X3400 Service Overview

2-1. Removing/Installing the Front Panel

Removal

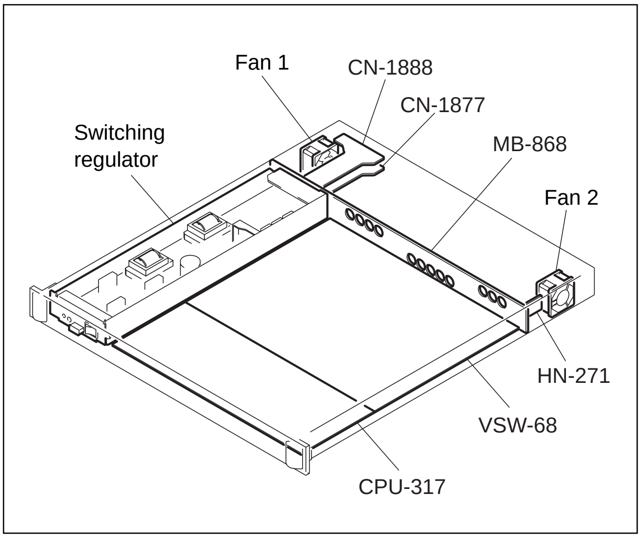
1. Loosen the two screws (with drop-safe), and then remove the front panel in the direction of the arrow.


Screw
(with drop-safe)
Front panel
Screw
(with drop-safe)

Installation

Attach the front panel in reverse order of the removal procedure.

2-2. Location of Main Parts


Fan 1
CN-1888
CN-1877
Switching
regulator
MB-868
Fan 2
HN-271
VSW-68
CPU-317

2-3. Cleaning the Filter

WARNING

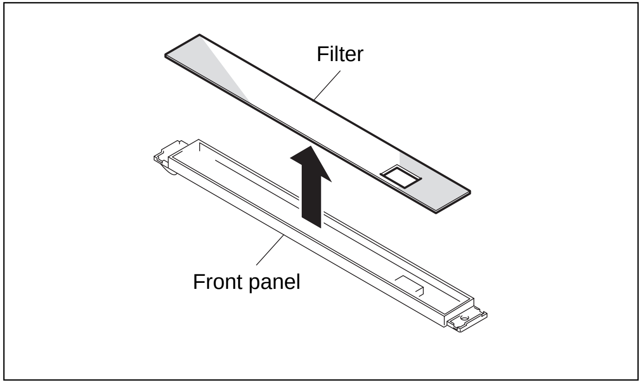
Be sure to turn off the power switch and disconnect the power cord from the outlet before starting any work.

CAUTION

- The temperature inside the unit increases if dust adheres to the filter and the ventilation holes are blocked. Touching inside the unit while it is hot may result in burn injuries.
- Clean the filter on the rear of the front panel periodically because the filter tends to gather dust (once every two months).

Procedure

1. Remove the front panel. (Refer to Section 2-1.)
2. Remove the dust from the filter using a vacuum.


Filter
Front panel

Note

If the filter is very dusty, it should be washed in water, and then dried completely.

2-4. Replacing the CPU Battery

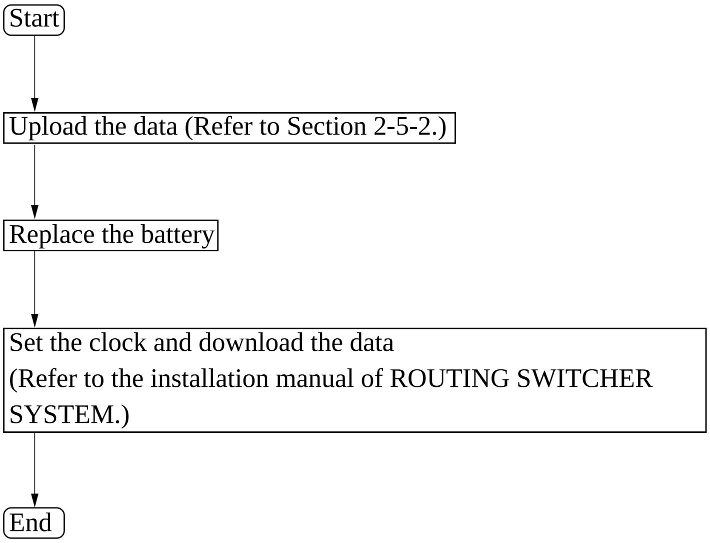
2-4-1. Replacing the Lithium Battery (CR2025)

A lithium battery is mounted on the VSW-68 board for backing up RAM data and the internal clock. The lifespan of the battery is about three years under normal use.
The table data set using the control terminal is stored in RAM on the VSW-68 board. Before replacing the lithium battery, back up the settings using the BZR-20 backup software. (Refer to Section 2-5.)

Use the specified battery in the case of replacement.

Ref. No.	Address	Item
BT2201	(L-8)	Lithium battery (CR2025)

Replacement Procedure


Start
Upload the data (Refer to Section 2-5-2.)
Replace the battery
Set the clock and download the data
(Refer to the installation manual of ROUTING SWITCHER SYSTEM.)
End

2-4-2. Lithium Battery for Backup (M4T28-BR12SH1)

A lithium battery is mounted on IC41 of the CPU-317 board for backing up the clock.
The lifespan of the battery is about ten years under normal use.
When the battery needs to be replaced, contact your local Sony Sales Office.

2-5. Data Backup

For Sample Screen of a Personal Computer

In this manual, small letters are used on the sample screens. However, capital letters can be entered unless otherwise specified. When Enter “1” is given, enter only 1. The quotation marks (“”) must not be entered.
The letters and symbols on the sample screens have the following meanings.

Sample	Description
C : ¥>	Message displayed automatically by a program
install c :	Characters to be typed by user
⏎	Enter key/Return key
␣	Space bar (One space is made.)

2-5-1. Installing BZR-20

The BZR-20 operates in MS-DOS Version 6.2 or DOS mode of Windows 95/98.
Use an IBM PC/AT compatible personal computer in which the terminal software has been already installed.

Note

Quit all applications before starting to install in DOS mode of Windows 95/98.

1. Insert the BZR-20 floppy disk (FD) into the FD drive of the personal computer.
2. Select the FD drive (“A” drive in this document) containing the BZR-20 FD as the directory.

```
C : ¥>a : ⏎
```

3. Install the BZR-20 software onto the hard disk.

```
A : ¥>install c : ⏎
```

4. Enter as follows.
   The mode enters the EDIT command, and the PATH is added to the AUTOEXEC.BAT file.

```
A : ¥>c : ⏎
C : ¥ROUTER>cd␣.. ⏎
C : ¥>edit autoexec.bat⏎
PATH C : ¥ ; C : ¥VZ ; C : ¥TOOLS¥BAT ; ⋯ ;c : ¥router>
```

5. Save the AUTOEXEC.BAT file, then quit the EDIT command.
6. Remove the FD from the drive.
7. Restart the personal computer.

2-5-2. Data Backup (Uploading)

Note

For details of the menu screens and setting procedure, refer to the installation manual for setting up the routing switcher system.

To obtain the Routing Switcher System Installation Manual, contact your local Sony Sales Office.

1. Install the BZR-20 software. (Refer to Section 2-5-1.)
2. Turn on the power of all the equipment on the S-BUS data link.
3. Connect a personal computer to the REMOTE 3 terminal of the HDS-X3000 series using the RS-232C cross cable (9-pin to 9-pin).
4. Turn on the power of the personal computer.
5. Start up the terminal software of the personal computer.
6. Press the Ctrl and x keys at the same time. (Ctrl + x)
   The menu screen of the primary station is displayed.
7. Select “Z: SET UNIT DETECTABLE” and change the settings of the secondary stations to be backed up to “enable”.
   (1) Move the cursor under the ID number of the secondary station whose data is to be backed up.
   (2) Press the Enter key. A question mark “?” appears.

   Note

   - A question mark “?” means that the unit is enabled. When the Enter key is pressed again, the question mark “?” disappears.
   - Take note of the setup value so that the original setup value can be restored upon completing backup.

8. Press the Ctrl and e keys at the same time, and then press the Ctrl and x keys at the same time. (Ctrl + e, Ctrl + x)
   The system returns to the menu screen of the primary station.
9. Quit the terminal software.
10. Insert a formatted FD into the disk drive of the personal computer.
11. Enter as follows.

```
C : ¥>a : ⏎
A : ¥>* ⏎
```

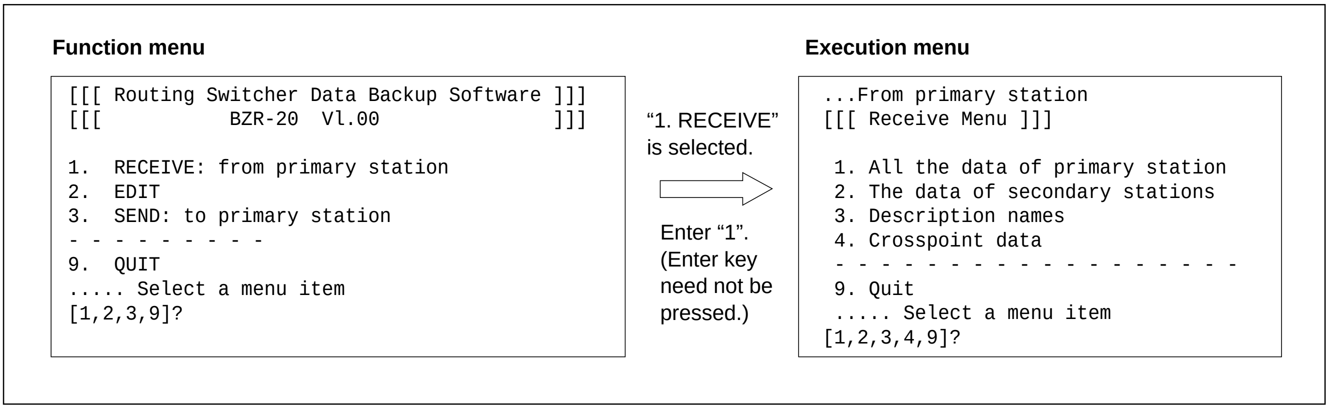
Enter “a1”.

Note

“a1” is a command to start the backup software.

Set the REMOTE 3 baud rate switch S2-4 on the CPU-317 board to CLOSE (38400).

12. Enter “1” on the Function menu. (“1. RECEIVE” is selected.)
    The Execution menu screen is displayed.



Function menu

```
[[[ Routing Switcher Data Backup Software ]]]
[[[           BZR-20  Vl.00               ]]]

1.  RECEIVE: from primary station
2.  EDIT
3.  SEND: to primary station
- - - - - - - - -
9.  QUIT
..... Select a menu item
[1,2,3,9]?
```

“1. RECEIVE” is selected.

Enter “1”.
(Enter key need not be pressed.)

Execution menu

```
...From primary station
[[[ Receive Menu ]]]

 1. All the data of primary station
 2. The data of secondary stations
 3. Description names
 4. Crosspoint data
 - - - - - - - - - - - - - - - - - -
 9. Quit
 ..... Select a menu item
[1,2,3,4,9]?
```

13. To back up the data of the primary stations, enter “1” on the Execution menu. (“1. All the data of primary station” is selected.)
    To back up the data of the secondary stations, enter “2”. (“2. The data of secondary stations” is selected.)
    The data is backed up to the FD.
14. Enter “9” twice. (“9. Quit” is selected.)
    The backup mode is terminated.
15. Start up the terminal software.
16. Press the Ctrl and x keys at the same time. (Ctrl + x)
    The menu screen of the primary station is displayed.
17. Select “Z : SET UNIT DETECTABLE” and return the settings of the secondary stations to their previous settings (the settings before changing the settings to enabled in step 7).
18. Quit the terminal software.

Note

The BZR-1000 cannot be used with the unit.

2-5-3. Data Downloading

After installing the BZR-20 according to Section 2-5-1, perform the following procedures.

1. Insert the FD containing the data into the FD drive of the personal computer.
2. Enter as follows.

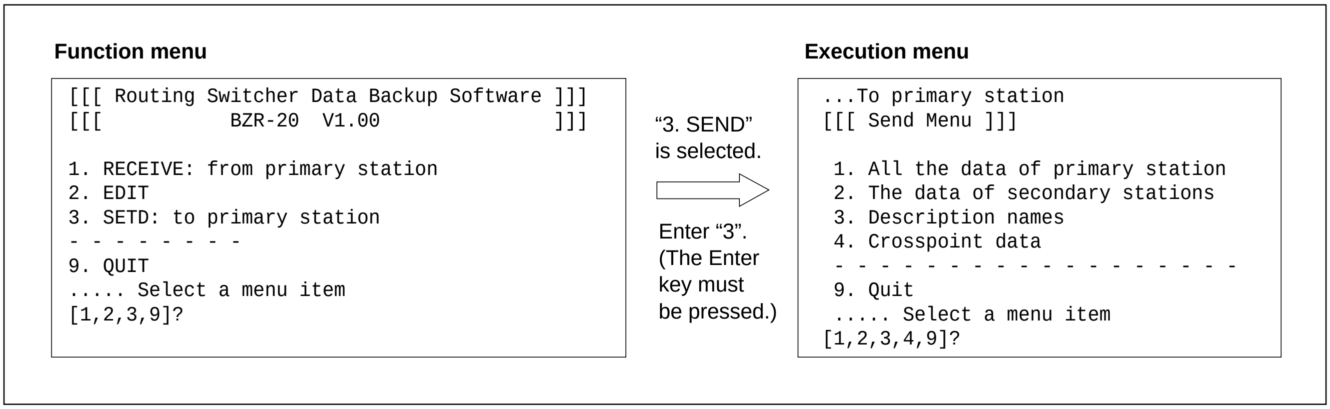
```
C : ¥>a : ↵
A : ¥>✻↵
```

Enter “a1”.

Note

“a1” is a command to start up the backup software.
Set the REMOTE 3 baud rate switch S2-4 on the CPU-317 board to CLOSE (38400).

3. Enter “3” on the Function menu. (“3. SEND” is selected.)
   The Execution menu screen is displayed.



Function menu

```
[[[ Routing Switcher Data Backup Software ]]]
[[[           BZR-20  V1.00              ]]]

1. RECEIVE: from primary station
2. EDIT
3. SETD: to primary station
- - - - - - - -
9. QUIT
..... Select a menu item
[1,2,3,9]?
```

“3. SEND” is selected.

Enter “3”. (The Enter key must be pressed.)

Execution menu

```
...To primary station
[[[ Send Menu ]]]

 1. All the data of primary station
 2. The data of secondary stations
 3. Description names
 4. Crosspoint data
 - - - - - - - - - - - - - - - - - -
 9. Quit
 ..... Select a menu item
[1,2,3,4,9]?
```

4. Enter “1” on the Execution menu. (“1. All the data of primary station” is selected.)
   The stored data is downloaded to the HDS-X3000 series.
   To restore the data of the secondary stations, enter “2”.
   (“2. The data of secondary stations” is selected.)
5. Enter “9” twice. (“9. Quit” is selected.)
   The backup mode is terminated.

2-6. Replacing the Main Parts

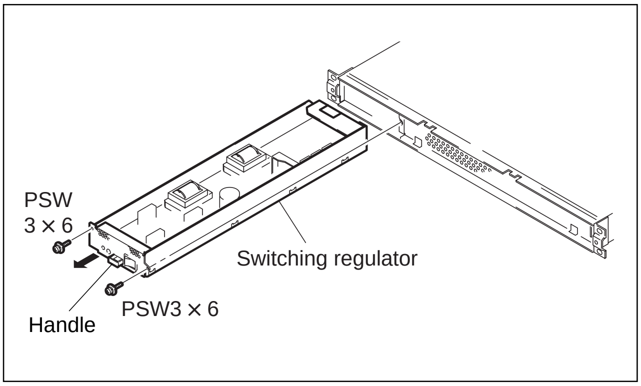
WARNING

Be sure to turn off the power switch and disconnect the power cord from the outlet before starting any work. Replacing with the power on may result in electric shock or damage to boards.

2-6-1. Replacing the Power Unit

Removal

1. Remove the front panel. (Refer to Section 2-1.)
2. Remove the two screws, and then pull out the switching regulator while holding the handle.


PSW
3 × 6
Switching regulator
PSW3 × 6
Handle

Installation

1. Attach a new switching regulator in reverse order of the removal procedure.
2. Adjust the power supply voltage. (Refer to Section 2-6-3.)

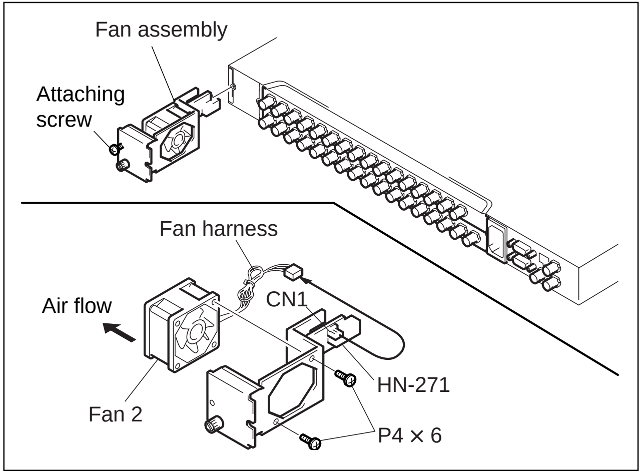
CAUTION

If installation of the power supply unit is incomplete, the contact resistance of the connector increases and can cause damage to parts or smoke. Be sure to tighten the fixing screws of the power supply unit. Do not turn on the main power before the fixing screws have been tightened securely.

2-6-2. Replacing the Fan

(Left fan)
Removal

1. Loosen the attaching screw, and then pull out the fan assembly while holding the attaching screw.
2. Disconnect the fan harness from the connector (CN1) of the HN-271 board.
3. Remove the two screws (P4 × 6), and then remove the fan.

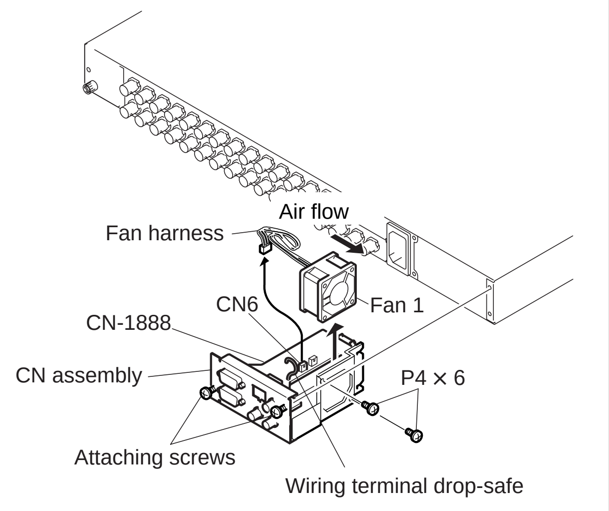

Fan assembly
Attaching screw
Fan harness
Air flow
CN1
HN-271
Fan 2
P4 × 6

Installation

Attach a new fan in reverse order of the removal procedure.

(Right fan)
Removal

1. Loosen the two attaching screws, and then pull out the CN assembly while holding the attaching screws.
2. Loosen the wiring terminal drop-safe on the CN-1888 board, and then disconnect the fan connector from the connector (CN6).
3. Remove the two screws (P4 × 6), and then remove the fan.


Air flow
Fan harness
CN6
Fan 1
CN-1888
CN assembly
P4 × 6
Attaching screws
Wiring terminal drop-safe

Installation

Attach a new fan in reverse order of the removal procedure.

2-6-3. Adjusting the Power Supply Voltage

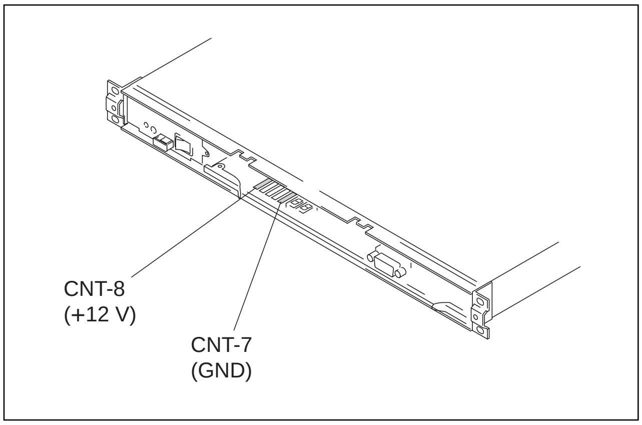
Note

When installing the unit, changing the board layout or replacing the power supply unit, be sure to adjust the power supply voltage.

Required equipment : Digital voltmeter

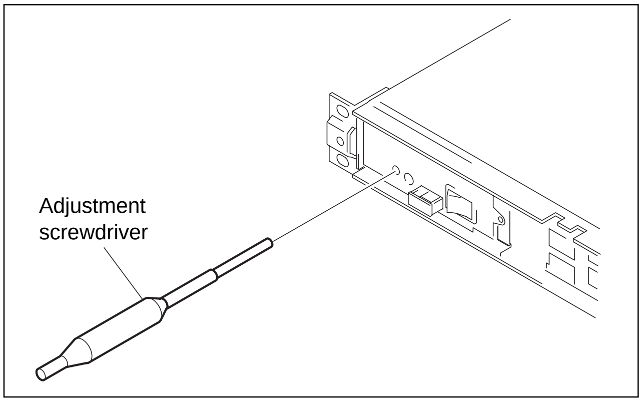
Adjustment Procedure

1. Remove the front panel. (Refer to Section 2-1.)
2. Remove the four screws, and then remove the wiring terminal drop-safe assembly. (Refer to Section 1-5-2.)
3. Connect the digital voltmeter to the GND terminal (CNT-7) and +12 V terminal (CNT-8) on the CPU-317 board.



4. Turn on the power of the power supply unit.
5. Adjust the adjustment volume of the power supply unit so that the voltage satisfies the specifications.

Specifications : +12.0 ±0.1 V



Procedure after Adjustment

1. Remove the digital voltmeter.
2. Attach the wiring terminal drop-safe assembly using the four screws. (Refer to Section 1-5-2.)
3. Attach the front panel. (Refer to Section 2-1.)

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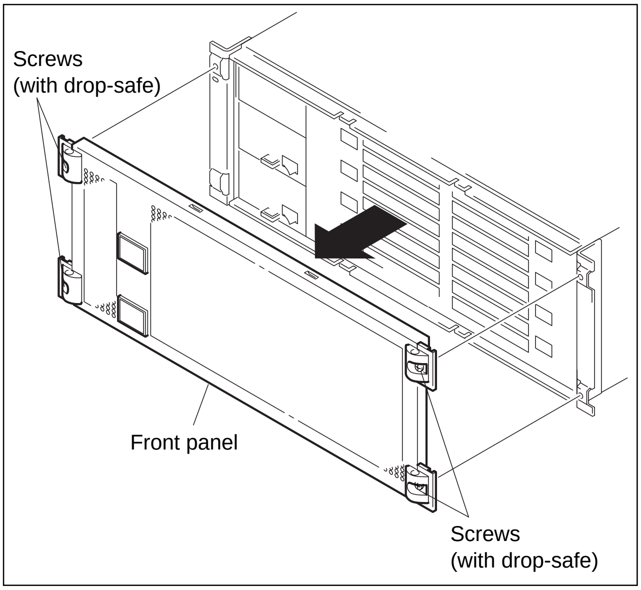
Section 3
HDS-X3600 Service Overview

3-1. Removing/Installing the Front Panel

Removal

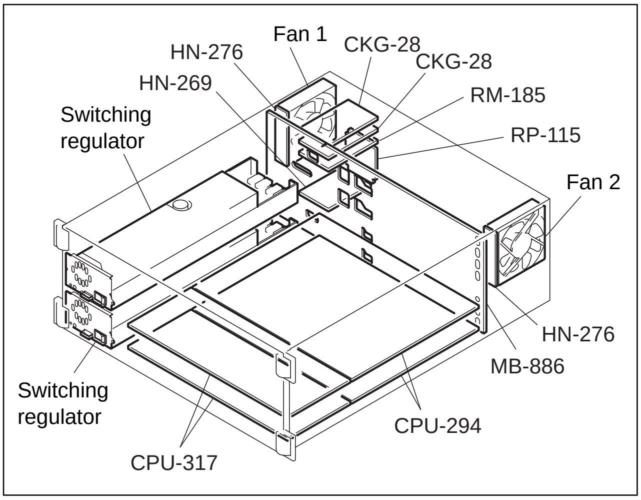
Loosen the four screws (with drop-safe), and then remove the front panel in the direction of the arrow.


Screws
(with drop-safe)
Front panel
Screws
(with drop-safe)

Installation

Attach the front panel in reverse order of the removal procedure.

3-2. Location of Main Parts


Fan 1
HN-276
CKG-28
CKG-28
HN-269
RM-185
Switching regulator
RP-115
Fan 2
HN-276
MB-886
Switching regulator
CPU-294
CPU-317

3-3. Cleaning the Filter

For details of cleaning the filter, refer to Section 2-3.

3-4. Replacing the CPU Battery

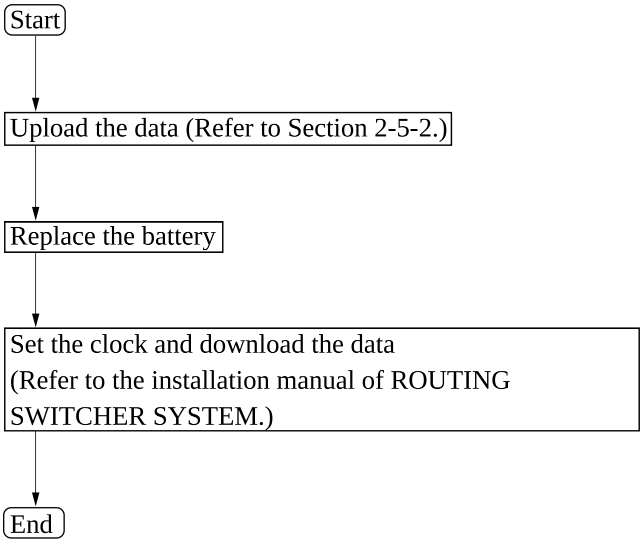
3-4-1. Replacing the Lithium Battery (CR2025)

A lithium battery is mounted on the CPU-294 board for backing up RAM data and the internal clock.
The lifespan of the battery is about three years under normal use.
The table data set using the control terminal is stored in RAM on the CPU-294 board.
Before replacing the lithium battery, back up the settings using the BZR-20 backup software. (Refer to Section 2-5.)

Use the following battery for replacement.

Ref. No.	Address	Item
BT100	(J-12)	Lithium battery (CR2025)

Replacement Procedure


Start
Upload the data (Refer to Section 2-5-2.)
Replace the battery
Set the clock and download the data (Refer to the installation manual of ROUTING SWITCHER SYSTEM.)
End

3-4-2. Lithium Battery for Backup (M4T28-BR12SH1)

A lithium battery is mounted on IC41 of the CPU-317 board for backing up the clock.
The lifespan of the battery is about ten years under normal use.
When the battery needs to be replaced, contact your local Sony Sales Office.

3-5. Data Backup

For details of data backup, refer to Section 2-5.

3-6. Replacing the Main Parts

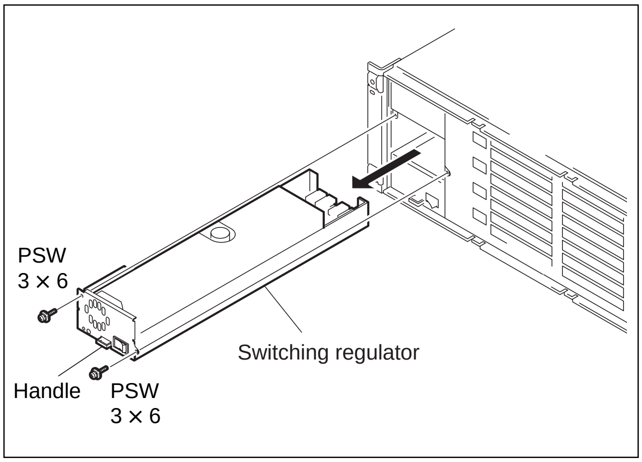
WARNING

Be sure to turn off the power switch and disconnect the power cord from the outlet before starting any work. Replacing with the power on may result in electric shock or damage to boards.

3-6-1. Replacing the Power Unit

Removal

1. Remove the front panel. (Refer to Section 3-1.)
2. Remove the two screws, and then pull out the switching regulator while holding the handle.


PSW
3 × 6
Switching regulator
Handle
PSW
3 × 6

Installation

Attach a new switching regulator in reverse order of the removal procedure.

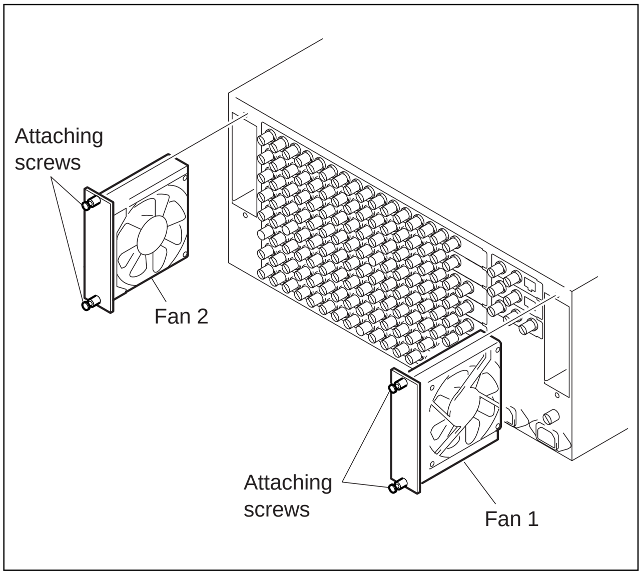
CAUTION

If installation of the power supply unit is incomplete, the contact resistance of the connector increases and can cause damage to parts or smoke. Be sure to tighten the fixing screws of the power supply unit. Do not turn on the main power before the fixing screws have been tightened securely.

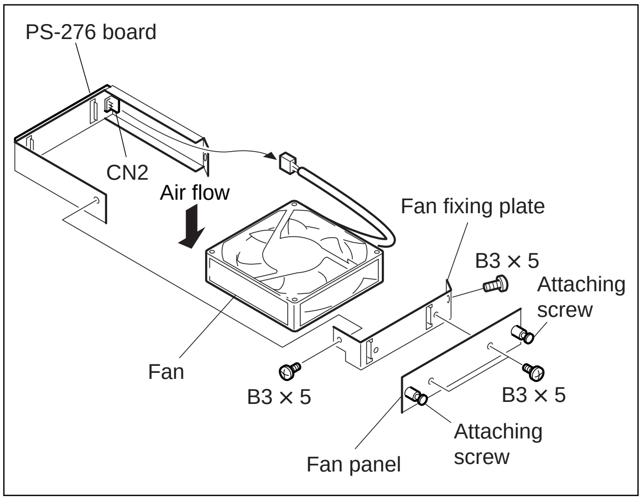
3-6-2. Replacing the Fan

Removal

1. Loosen the two screws of the fan to be replaced, and then pull out the fan while holding the handle.


Attaching
screws
Fan 2
Attaching
screws
Fan 1

2. Remove the two screws (PSW3 × 5), and then remove the fan panel.
3. Remove the two screws (B3 × 5), and then remove the fan fixing plate.
4. Remove the fan and disconnect the connector (CN2) from the HN-276 board.


PS-276 board
CN2
Air flow
Fan fixing plate
B3 × 5
Attaching
screw
Fan
B3 × 5
B3 × 5
Attaching
screw
Fan panel

Installation

Attach a new fan in reverse order of the removal procedure.

3-6-3. Adjusting the Power Supply Voltage

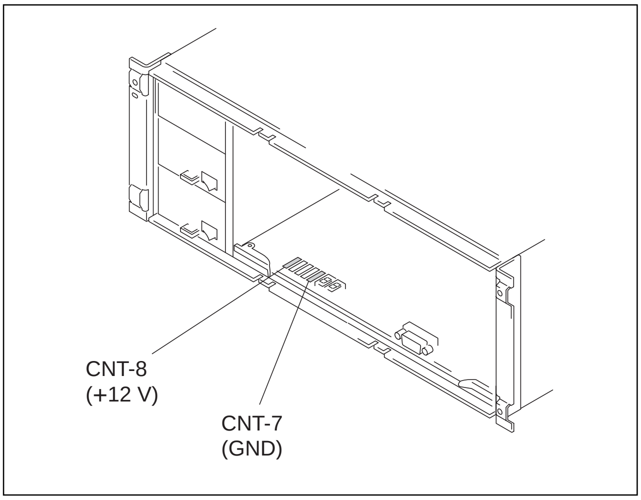
Note

When installing the unit, changing the board layout or replacing the power supply unit, be sure to adjust the power supply voltage.

Required equipment : Digital voltmeter

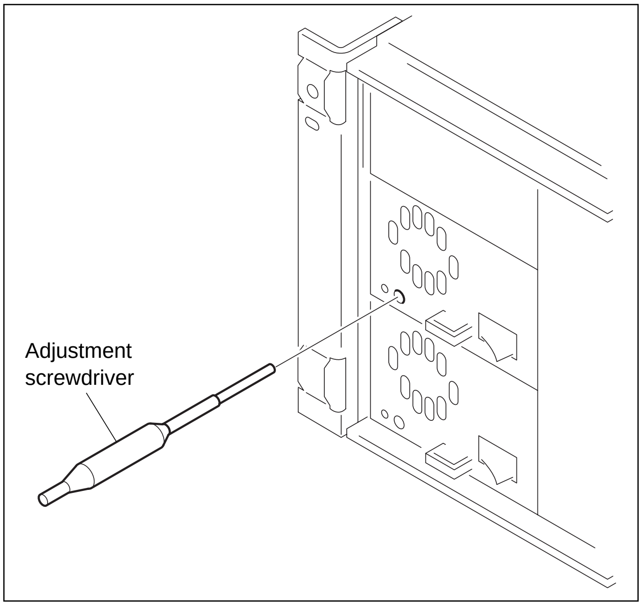
Adjustment Procedure

1. Remove the front panel. (Refer to Section 3-1.)
2. Remove the four screws, and then remove the wiring terminal drop-safe assembly. (Refer to Section 1-5-2.)
3. Connect the digital voltmeter to the GND terminal (CNT-7) and +12 V terminal (CNT-8) on the CPU-317 board.



4. Turn on the power of the main power supply unit (upper unit), and then turn off the backup power supply unit (lower unit).
5. Adjust the adjustment volume of the main power supply unit so that the voltage satisfies the specifications.

Specifications : +11.95 ± 0.05 V



6. Turn off the power of the main power supply unit, and then turn on the backup power supply unit.
7. Adjust the backup power supply unit in the same way as step 5.
8. Turn on the powers of the main power supply unit and backup power supply unit and confirm that the power supply voltage satisfies the specifications.

Specifications : +12.0 ±0.1 V

Procedure after Adjustment

1. Remove the digital voltmeter.
2. Attach the wiring terminal drop-safe assembly using the four screws. (Refer to Section 1-5-2.)
3. Attach the front panel. (Refer to Section 3-1.)

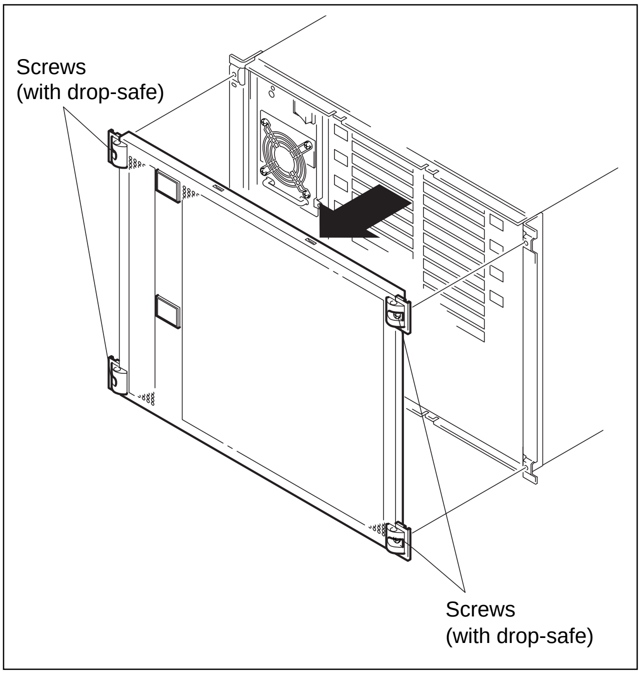
Section 4

HDS-X3700 Service Overview

4-1. Removing/Installing the Front Panel

Removal

Loosen the four screws (with drop-safe), and then remove the front panel in the direction of the arrow.

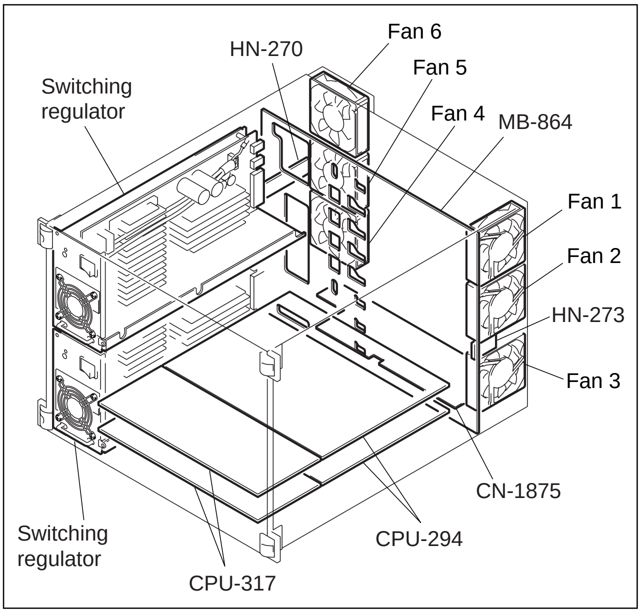


Screws
(with drop-safe)
Screws
(with drop-safe)

Installation

Attach the front panel in reverse order of the removal procedure.

4-2. Location of Main Parts



Fan 6
HN-270
Fan 5
Switching regulator
Fan 4
MB-864
Fan 1
Fan 2
HN-273
Fan 3
CN-1875
Switching regulator
CPU-294
CPU-317

4-3. Cleaning the Filter

For details of cleaning the filter, refer to Section 2-3.

4-4. Replacing the CPU Battery

4-4-1. Replacing the Lithium Battery (CR2025)

For details of replacing the lithium battery, refer to Section 3-4-1.

4-4-2. Lithium Battery for Backup (M4T28-BR12SH1)

A lithium battery is mounted on the IC41 of the CPU-317 board for backing up the clock.
The lifespan of the battery is about ten years under normal use.
When the battery needs to be replaced, contact your local Sony Sales Office.

4-5. Data Backup

For details of data backup, refer to Section 2-5.

4-6. Replacing the Main Parts

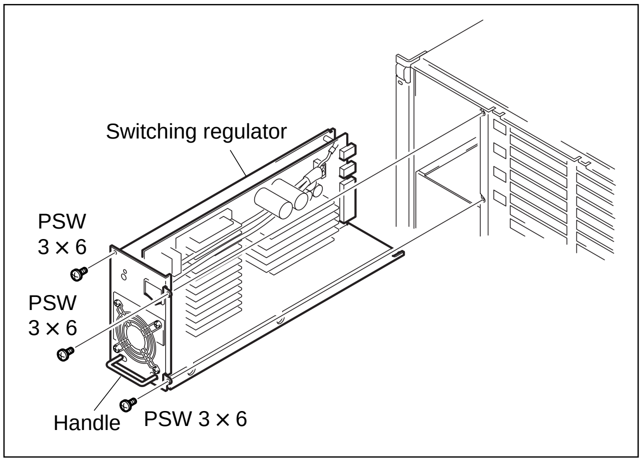
WARNING

Be sure to turn off the power switch and disconnect the power cord from the outlet before starting any work. Replacing with the power on may result in electric shock or damage to boards.

4-6-1. Replacing the Power Unit

Removal

1. Remove the front panel. (Refer to Section 4-1.)
2. Remove the three screws, and then pull out the switching regulator while holding the handle.


Switching regulator
PSW 3 × 6
PSW 3 × 6
Handle
PSW 3 × 6

Installation

1. Attach a new switching regulator in reverse order of the removal procedure.
2. Adjust the power supply voltage. (Refer to Section 4-6-3.)

CAUTION

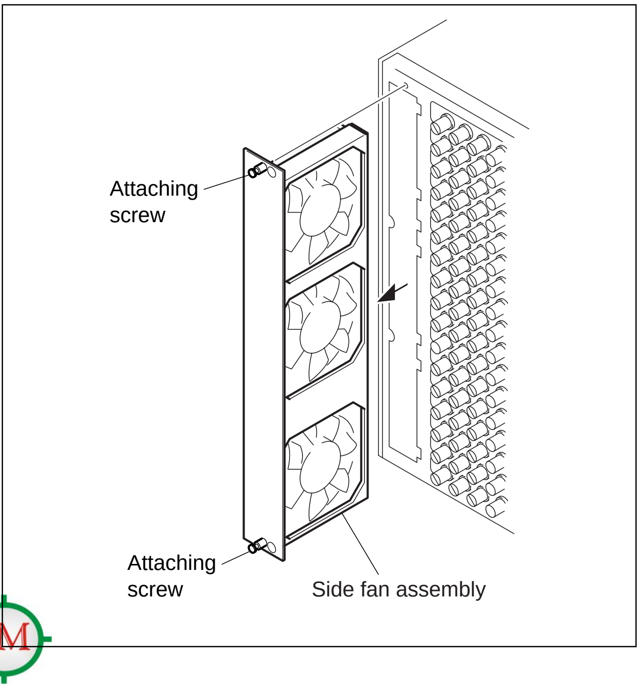
If installation of the power supply unit is incomplete, the contact resistance of the connector increases and can cause damage to parts or smoke. Be sure to tighten the fixing screws of the power supply unit. Do not turn on the main power before the fixing screws have been tightened securely.

4-6-2. Replacing the Fan

(Side fans)

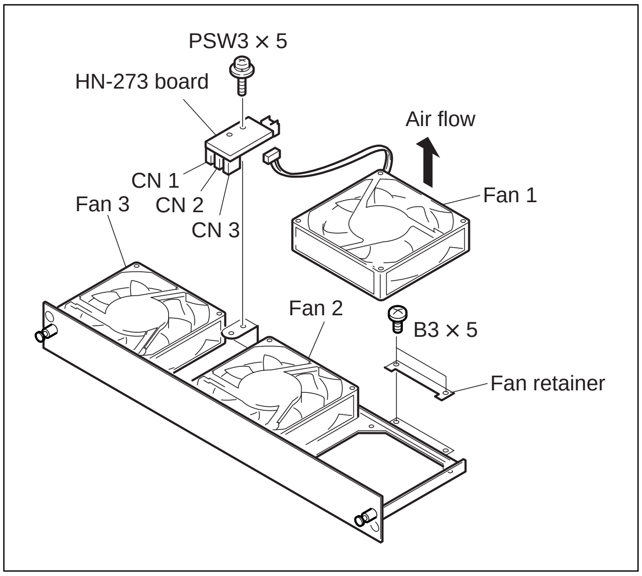
Removal

1. Loosen the two attaching screws.
2. Pull out the fan while holding the attaching screws.


Attaching screw
Attaching screw
Side fan assembly

3. Remove the screw (PSW3 × 8), and then remove the HN-273 board.
4. Remove the connector.
   In case of fan 1 : CN3
   In case of fan 2 : CN2
   In case of fan 3 : CN1

5. Remove the two screws (B3 × 5) securing the fan, and then remove the fan.


PSW3 × 5
HN-273 board
Air flow
CN 1
Fan 3
CN 2
CN 3
Fan 1
Fan 2
B3 × 5
Fan retainer

Installation

Attach a new fan in reverse order of the removal procedure.

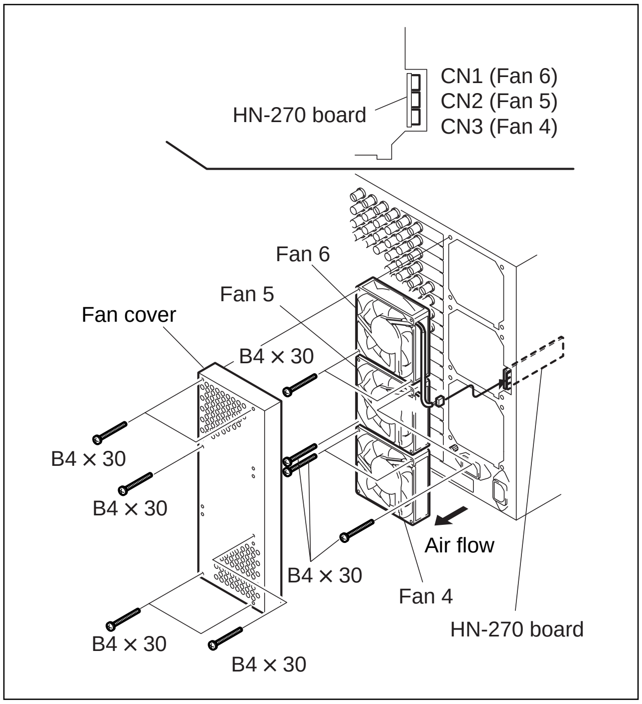
Notes

- Pay attention to the ventilation direction.
- When attaching the fan, push in the harness between the fan and panel so that the harness is not caught.

(Right fan)

Removal

1. Remove the six screws, and then remove the fan cover.
2. Remove the connector of the fan to be replaced.
   In case of fan 4 : CN3
   In case of fan 5 : CN2
   In case of fan 6 : CN1


CN1 (Fan 6)
CN2 (Fan 5)
CN3 (Fan 4)
HN-270 board
Fan 6
Fan 5
Fan cover
B4 × 30
B4 × 30
B4 × 30
Air flow
B4 × 30
Fan 4
HN-270 board
B4 × 30
B4 × 30

3. Remove the two screws, and then remove the fan.

Installation

Attach a new fan in reverse order of the removal procedure.

Notes

- Pay attention to the ventilation direction.
- When attaching the fan, push in the harness between the fan and panel so that the harness is not caught.

4-6-3. Adjusting the Power Supply Voltage

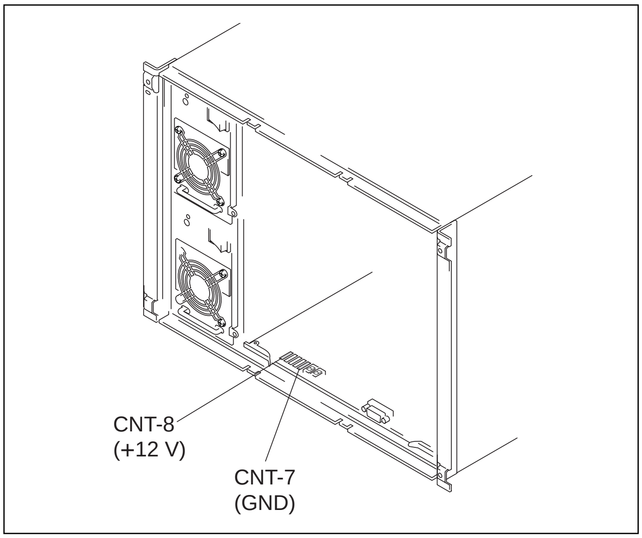
Note

When installing the unit, changing the board layout or replacing the power supply unit, be sure to adjust the power supply voltage.

Required equipment : Digital voltmeter

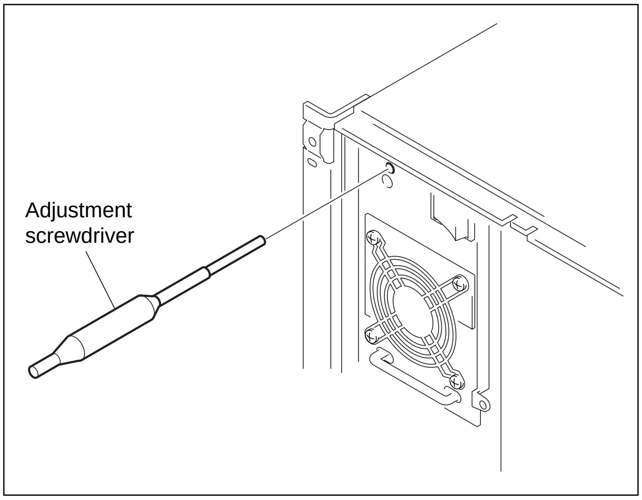
Adjustment Procedure

1. Remove the front panel. (Refer to Section 4-1.)
2. Remove the six screws, and then remove the wiring terminal drop-safe assembly. (Refer to Section 1-5-2.)
3. Connect the digital voltmeter to the GND terminal (CNT-7) and +12 V terminal (CNT-8) on the CPU-317 board.



4. Turn on the power of the main power supply unit (upper unit), and then turn off the backup power supply unit (lower unit).
5. Adjust the adjustment volume of the main power supply unit so that the voltage satisfies the specifications.

Specifications : +11.95 ±0.05 V



6. Turn on the power of the main power supply unit, and then turn off the backup power supply unit.
7. Adjust the backup power supply unit in the same way as step 5.
8. Turn on the powers of the main power supply unit and backup power supply unit and confirm that the power supply voltage satisfies the specifications.

Specifications : +12.0 ±0.1 V

Procedure after Adjustment

1. Remove the digital voltmeter.
2. Attach the wiring terminal drop-safe assembly using the six screws. (Refer to Section 1-5-2.)
3. Attach the front panel. (Refer to Section 4-1.)

Section 5

Spare Parts

5-1. Notes on Repair Parts

1. **Safety Related Components Warning**

   WARNING

   The components identified by the ⚠ mark in the schematic diagram, exploded view and electrical parts list are critical to safe operation. If the specified parts are not used, fire or electric shock may result.

2. **Standardization of Parts**

   Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.

   Parts list has the present standardized repair parts.

3. **Stock of Parts**

   Parts marked with “o” at SP (Supply Code) column of the spare parts list may not be stocked. Therefore, the delivery date will be delayed.

5-2. Spare Parts

When replacing the plug-in boards or main parts, use the following parts.

Plug-in Boards

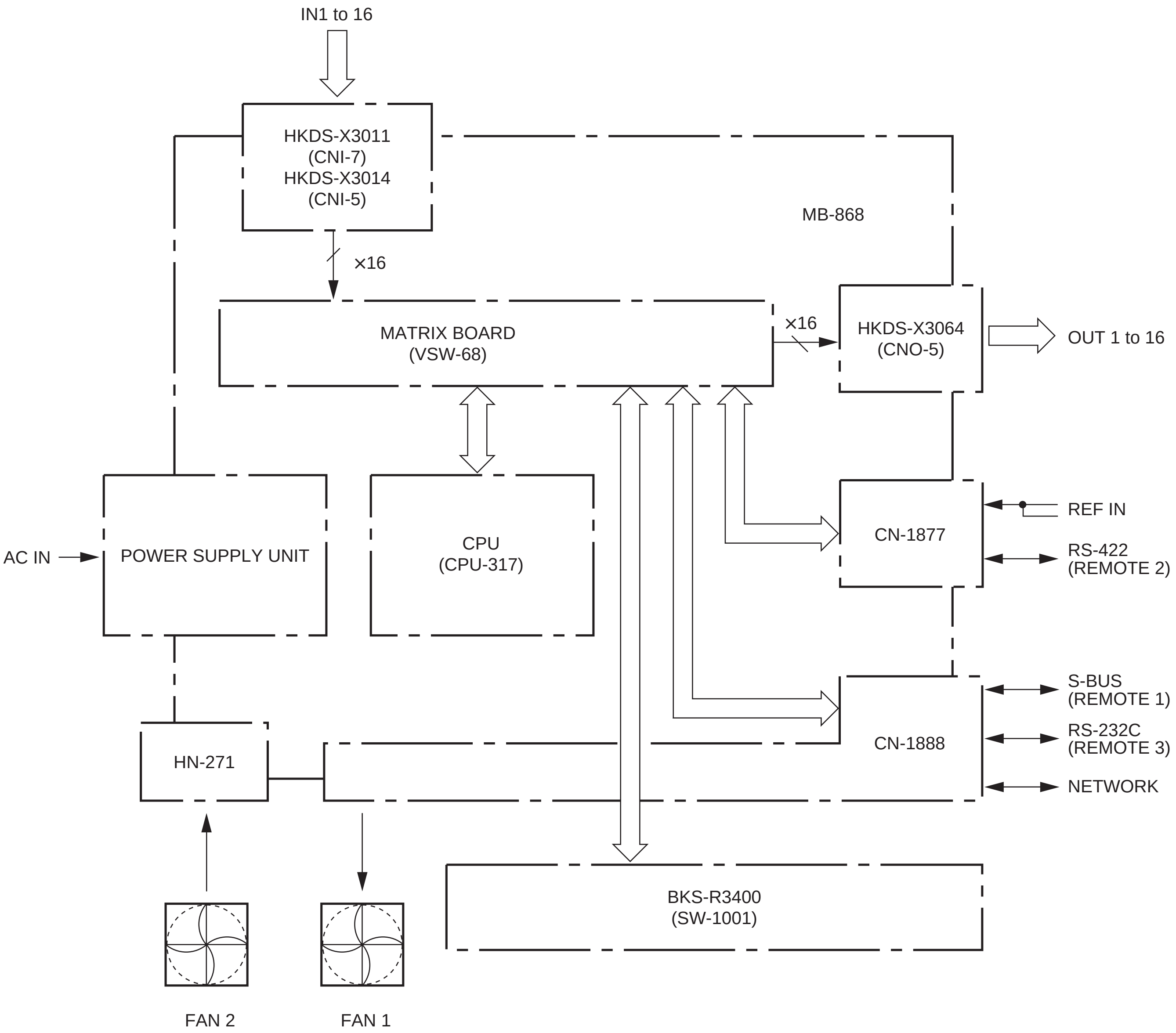
Model name (board name)	Parts for replacement
HDS-X3400	
CN-1877 board	A-8323-968-A
CN-1888 board	A-8323-969-A
CPU-317 board	A-8323-982-A : Replace with the VSW-68 board
VSW-68 board	
HDS-X3600	
CPU-294 board	A-8323-980-A : Replace with the CPU-294 board
CPU-317 board	
HDS-X3700	
CN-1875 board	A-8323-981-A
CPU-294 board	Replace with the CPU-294 board
CPU-317 board	
BKS-R3400	
SW-1001 board	Replace with commercially available products
HKDS-X3010	
IPM-95 board	Replace with commercially available products
HKDS-X3011	
CNI-7 board	Replace with commercially available products
HKDS-X3014	
CNI-5 board	Replace with commercially available products
HKDS-X3060	
MX-96 board	Replace with commercially available products
HKDS-X3064	
CNO-5 board	Replace with commercially available products

Main Parts

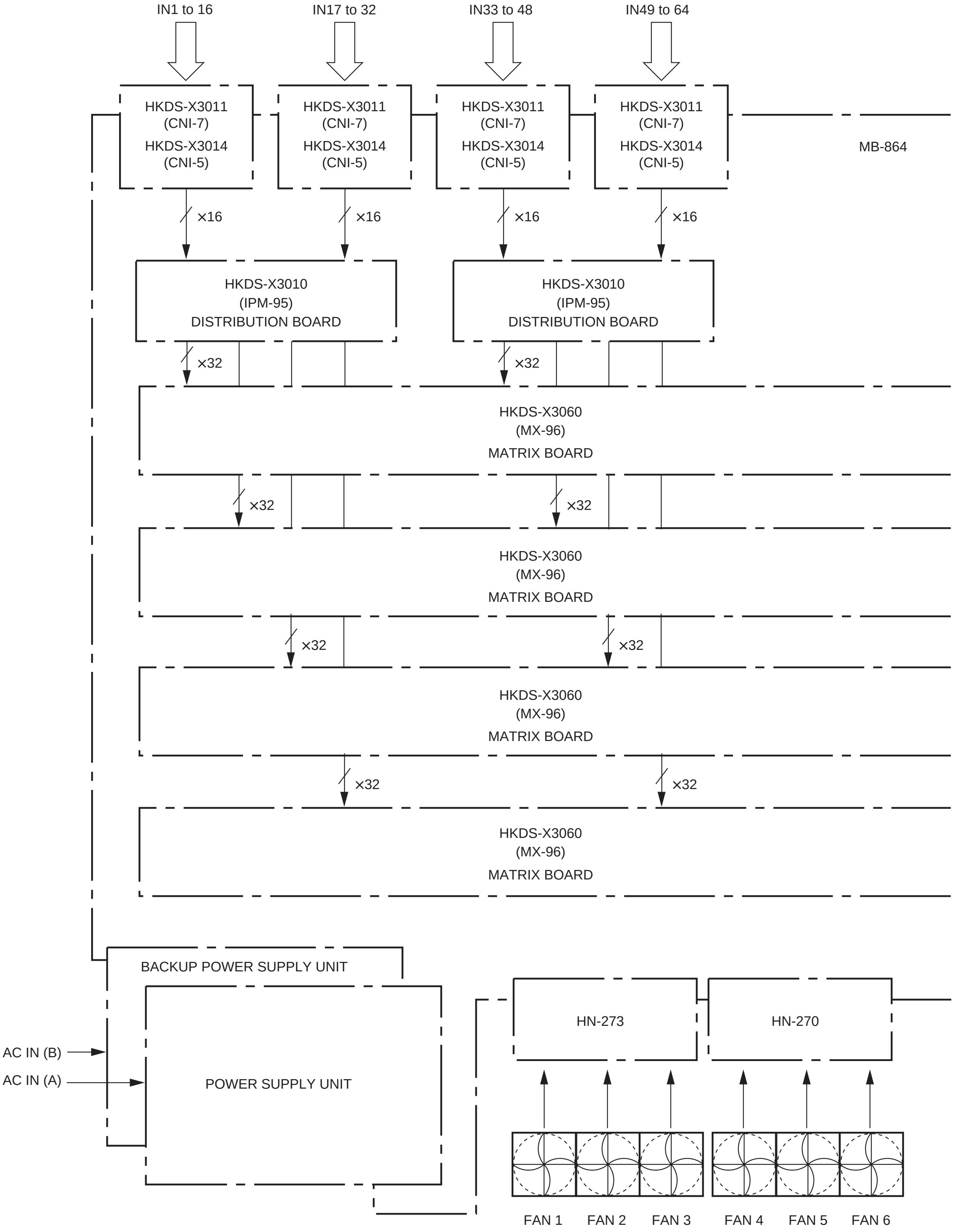
Model name (board name)	Parts for replacement
HDS-X3400	
Switching regulator	1-468-481-11
DC fan	1-698-667-11
HDS-X3600	
Switching regulator	1-468-480-11
DC fan	1-698-890-11
HDS-X3700	
Switching regulator	1-468-479-11
DC fan	1-698-890-11

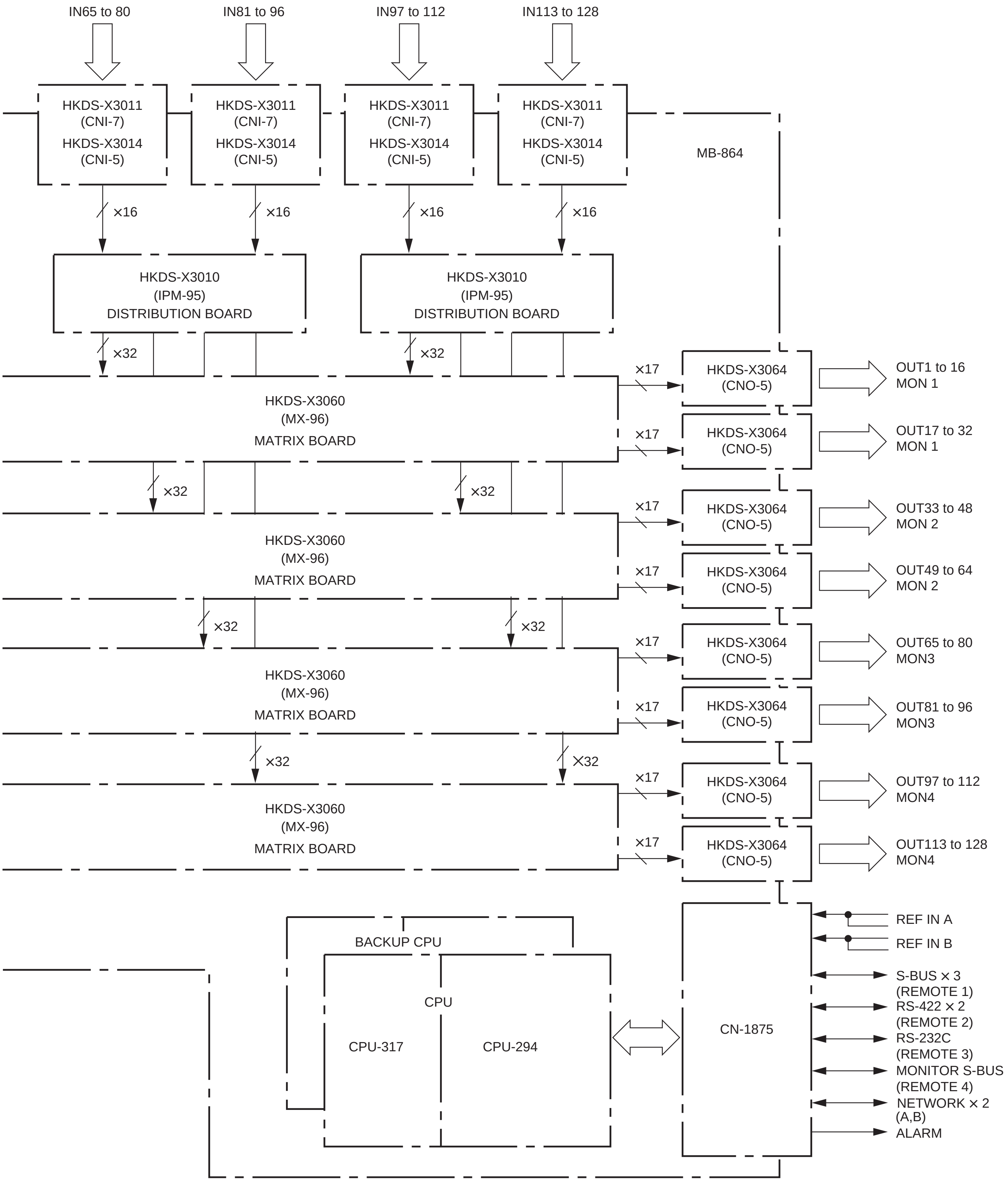
Section 6
Overall Block Diagrams

6-1. HDS-X3400

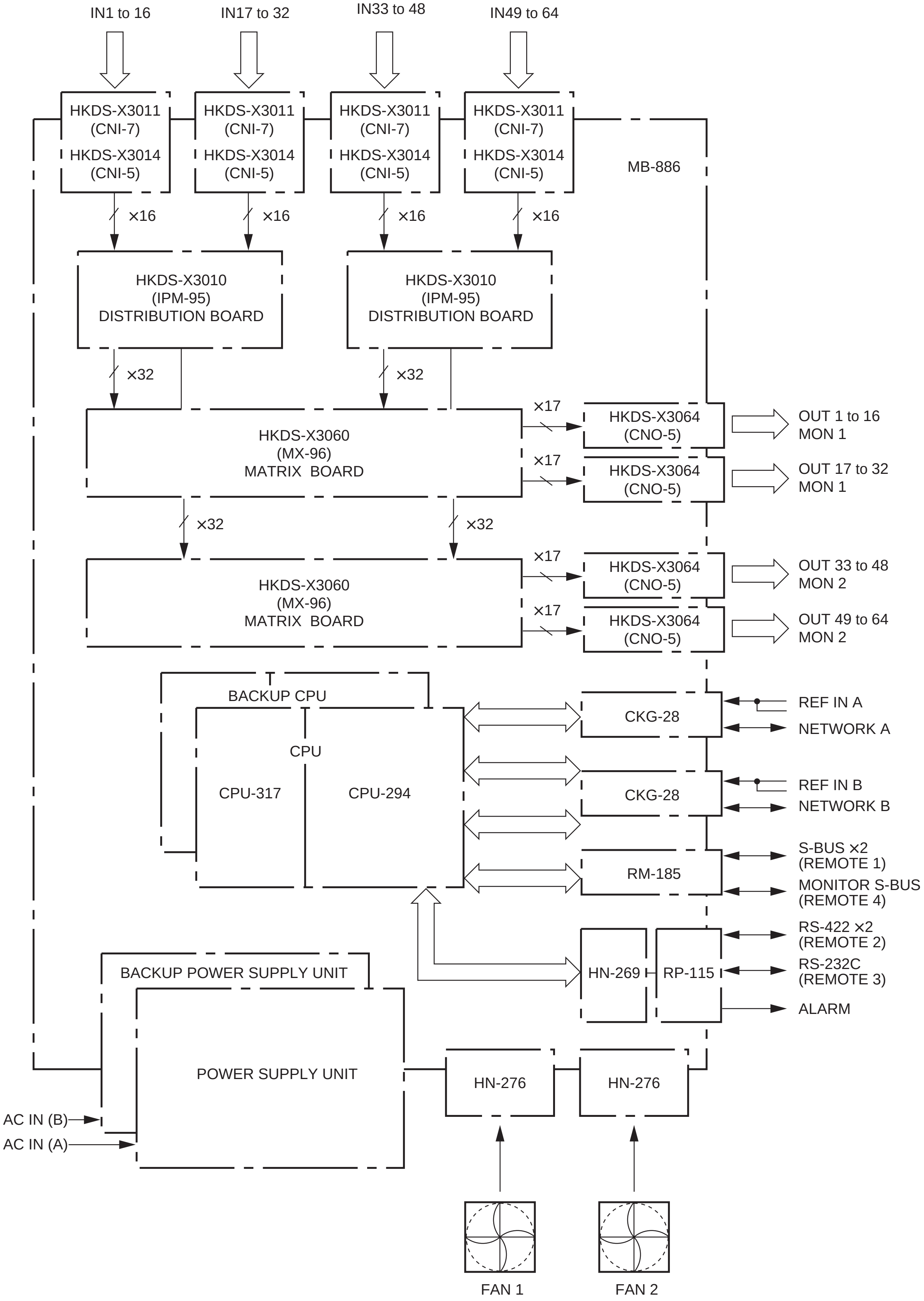

IN1 to 16
HKDS-X3011
(CNI-7)
HKDS-X3014
(CNI-5)
MB-868
×16
MATRIX BOARD
(VSW-68)
×16
HKDS-X3064
(CNO-5)
OUT 1 to 16
AC IN
POWER SUPPLY UNIT
CPU
(CPU-317)
CN-1877
REF IN
RS-422
(REMOTE 2)
S-BUS
(REMOTE 1)
RS-232C
(REMOTE 3)
NETWORK
CN-1888
HN-271
BKS-R3400
(SW-1001)
FAN 2
FAN 1

6-2. HDS-X3700


IN1 to 16
IN17 to 32
IN33 to 48
IN49 to 64
HKDS-X3011
(CNI-7)
HKDS-X3014
(CNI-5)
MB-864
×16
HKDS-X3010
(IPM-95)
DISTRIBUTION BOARD
×32
HKDS-X3060
(MX-96)
MATRIX BOARD
BACKUP POWER SUPPLY UNIT
POWER SUPPLY UNIT
AC IN (B)
AC IN (A)
HN-273
HN-270
FAN 1
FAN 2
FAN 3
FAN 4
FAN 5
FAN 6


IN65 to 80
IN81 to 96
IN97 to 112
IN113 to 128
HKDS-X3011 (CNI-7)
HKDS-X3014 (CNI-5)
MB-864
×16
HKDS-X3010 (IPM-95) DISTRIBUTION BOARD
×32
HKDS-X3060 (MX-96) MATRIX BOARD
×17
HKDS-X3064 (CNO-5)
OUT1 to 16 MON 1
OUT17 to 32 MON 1
OUT33 to 48 MON 2
OUT49 to 64 MON 2
OUT65 to 80 MON3
OUT81 to 96 MON3
OUT97 to 112 MON4
OUT113 to 128 MON4
BACKUP CPU
CPU
CPU-317
CPU-294
CN-1875
REF IN A
REF IN B
S-BUS × 3 (REMOTE 1)
RS-422 × 2 (REMOTE 2)
RS-232C (REMOTE 3)
MONITOR S-BUS (REMOTE 4)
NETWORK × 2 (A,B)
ALARM

6-3. HDS-X3600


IN1 to 16
IN17 to 32
IN33 to 48
IN49 to 64
HKDS-X3011 (CNI-7)
HKDS-X3014 (CNI-5)
MB-886
×16
HKDS-X3010 (IPM-95) DISTRIBUTION BOARD
×32
HKDS-X3060 (MX-96) MATRIX BOARD
×17
HKDS-X3064 (CNO-5)
OUT 1 to 16 MON 1
OUT 17 to 32 MON 1
OUT 33 to 48 MON 2
OUT 49 to 64 MON 2
BACKUP CPU
CPU
CPU-317
CPU-294
CKG-28
REF IN A
NETWORK A
REF IN B
NETWORK B
RM-185
S-BUS ×2 (REMOTE 1)
MONITOR S-BUS (REMOTE 4)
HN-269
RP-115
RS-422 ×2 (REMOTE 2)
RS-232C (REMOTE 3)
ALARM
BACKUP POWER SUPPLY UNIT
POWER SUPPLY UNIT
AC IN (B)
AC IN (A)
HN-276
FAN 1
FAN 2

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SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 3.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 5.25 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 20 V AC range are suitable. (See Fig. A)

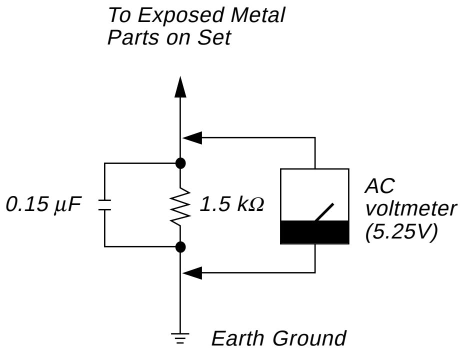

Fig A. Using an AC voltmeter to check AC leakage.

HDS-X3400 (SY)
HDS-X3600 (SY)
HDS-X3700 (SY) E
3-203-538-01

Sony Corporation
B&P Company

Printed in Japan
1999. 11 16
©1999

SONY®

MULTI BIT RATE ROUTING SWITCHER

HDS-X3400
HDS-X3600
HDS-X3700

ROUTING SWITCHER CONTROL PANEL
BKS-R3400

DISTRIBUTION BOARD
HKDS-X3010

SDTV SERIAL INPUT BOARD
HKDS-X3011

SERIAL INPUT BOARD
HKDS-X3014

MATRIX BOARD
HKDS-X3060

SERIAL OUTPUT BOARD
HKDS-X3064

MAINTENANCE MANUAL Part 2
1st Edition

⚠警告

このマニュアルは，サービス専用です。
お客様が，このマニュアルに記載された設置や保守，点検，修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

設置や保守，点検，修理などを行う前に，別冊のメンテナンスマニュアルPart 1の「安全のために」と別冊のオペレーションマニュアルの「安全のために」を必ずお読みください。

⚠WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

HDS-X3400	Serial No. 10001 and Higher
HDS-X3600	Serial No. 10001 and Higher
HDS-X3700	Serial No. 10001 and Higher
BKS-R3400	Serial No. 10001 and Higher
HKDS-X3010	Serial No. 10001 and Higher
HKDS-X3011	Serial No. 10001 and Higher
HKDS-X3014	Serial No. 10001 and Higher
HKDS-X3060	Serial No. 10001 and Higher
HKDS-X3064	Serial No. 10001 and Higher

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Manual Structure

Purpose of this manual

This manual is the maintenance manual part 2 of multi bit rate routing switcher HDS-X3400/X3600/X3700.
This manual is intended for use by trained system and service engineers, and provides the information that is premised parts levels service for this unit.

Related manuals

Besides this "maintenance manual part 1", the following manuals are available for HDS-X3400/X3600/X3700.
The parts number of each manual is one as of DECEMBER 1999.

- **Operation Manual (Supplied with the HDS-X3400/X3600/X3700.)**
  This manual describes the outline, system connection example and specifications.
  Part No.: 3-203-480-01

- **Installation Manual (Software) (Supplied with the HDS-X3400/X3600/X3700.)**
  This manual describes the software initialization or operation confirmation.
  This manual also describes the information on the main component equipment of a routing switcher system as well as this unit.
  Part No.: 3-194-351-04

- **Maintenance Manual Part 1 (Supplied with the HDS-X3400/X3600/X3700.)**
  This manual is provided the information required for the installation (including with option board), maintenance information and information for the service such as replacement of plug-in boards.
  Part No: 3-203-538-01

- **Protocol Manual (Not supplied with the HDS-X3400/X3600/X3700.)**
  This manual describes the protocol for controlling this unit.
  The manuals below are provided for the protocol that this unit can support.
  If this manual is required, please contact your local Sony Sales Office/Service Center.

  S-BUS PROTOCOL AND COMMAND SPECIFICATIONS
  (S-BUS remote terminal control protocol)
  Part No.: 9-977-477-12

  ROUTING SWITCHER SYSTEM PROTOCOL AND COMMAND SPECIFICATIONS
  (Sony cart protocol)
  Part No.: 9-967-261-21

  DVS-V3232B/6464B Series TECHNICAL MANUAL
  (Sony audio mixer protocol)
  Part No.: 9-967-547-11

- **“Semiconductor Pin Assignments” CD-ROM (Available on request)**
  This “Semiconductor Pin Assignments” CD-ROM allows you to search for semiconductors used in Broadcasting & Professional Systems Company equipment.
  Semiconductors that cannot be searched for on this CD-ROM are listed in the maintenance manual for the corresponding unit. The maintenance manual contains a complete list of all semiconductors and their ID Nos., and thus should be used together with the CD-ROM.
  Part number: 9-968-546-XX

Contents

This maintenance manual part 2 is organized by following sections.

Maintenance Manual Part 2

Section 1 Spare Parts

This section is described about the detailed spare parts list and exploded views.

Section 2 Semiconductor Pin Assignments

This section is described about the semiconductor pin assignments.

Section 3 Circuit Description and Block Diagrams

This section is described about the circuit descriptions and block diagrams in the alphabetical order.

Section 4 Schematic Diagrams

This section is described about the frame wiring and schematic diagrams of the mounted circuit boards in the alphabetical order.

Section 5 Board Layouts

This section is described about the board layouts of mounted circuit boards in the alphabetical order.

Appendix

This section is described about the writing procedure of MAC Address.

Trademarks

Trademarks and registered trademarks used in this manual are follows.

- Ethernet is a registered trademark of XEROX Corporation.
- Windows is a registered trademark of Microsoft Corporation.

Section 1

Spare Parts

1-1. Notes on Repair Parts

1. **Safety Related Components Warning**

   WARNING

   Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

2. **Standardization of Parts**

   Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.

   Parts list has the present standardized repair parts.

3. **Stock of Parts**

   Parts marked with “o” at SP (Supply Code) column of the spare parts list may not be stocked. Therefore, the delivery date will be delayed.

4. **Harness**

   Harnesses with no part number are not registered as spare parts.

   In need of repair, get components shown in the list and repair using them.

1-1. 補修部品注意事項

1. **安全重要部品**

   ⚠警告

   ⚠印のついた部品は安全性を維持するために重要な部品です。したがって，交換する時は必ず指定の部品を使ってください。

2. **部品の共通化**

   ソニーから供給する補修用部品は，セットに使われているものと異なることがあります。

   これは部品の共通化，改良等によるものです。

   部品表には現時点での共通化された補修用部品が記載されています。

3. **部品の在庫**

   部品表のSP (Supply code) 欄に“o”で示される部品は在庫していないことがあり，納期が長くなることがあります。

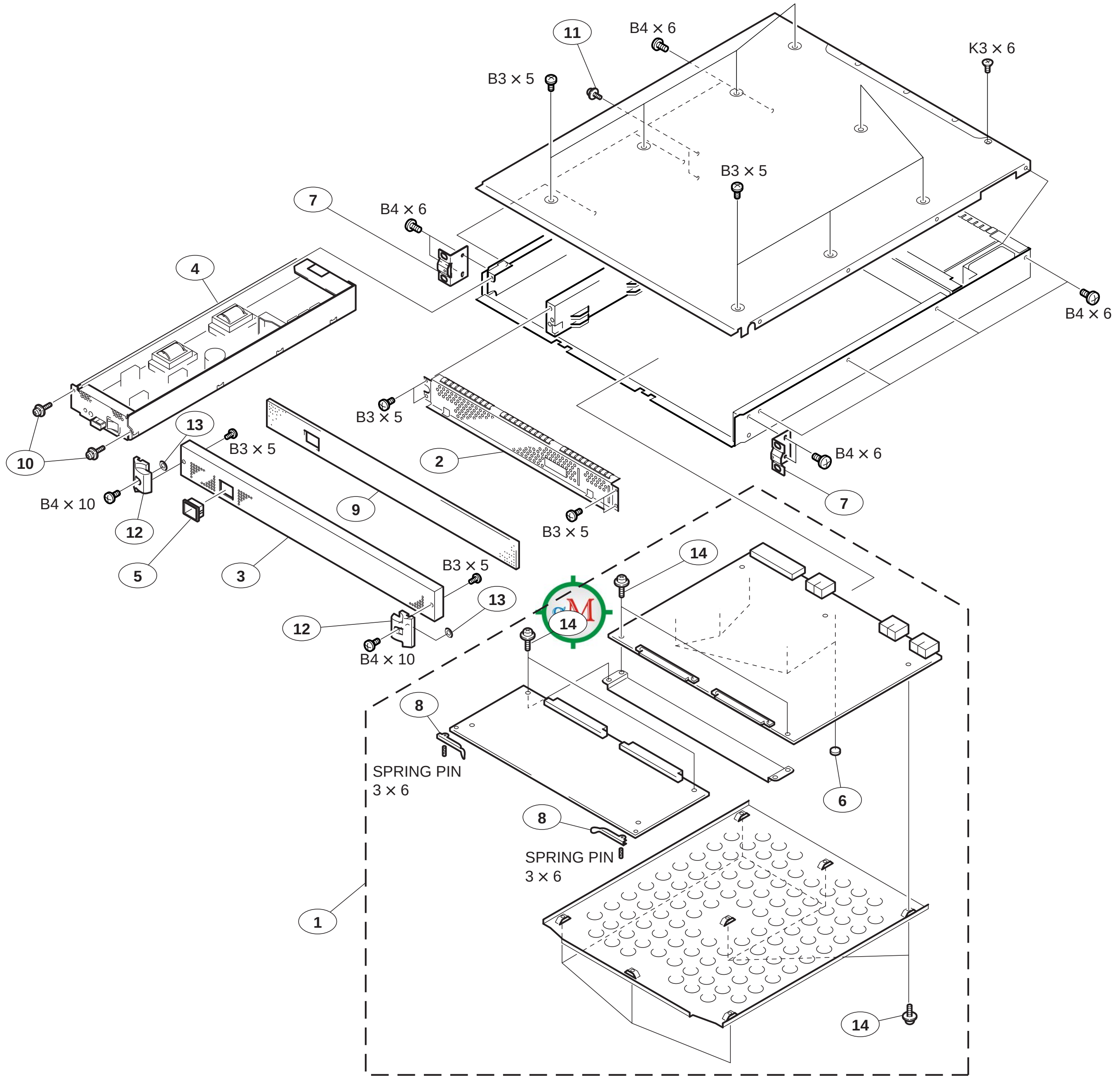
4. **ハーネス**

   部品番号が記載されていないハーネスは，サービス部品として登録されていません。

   これらは，リストに展開されているコンポーネント部品で補修してください。

1-2. Exploded Views

1-2-1. HDS-X3400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B4 × 6
K3 × 6
B3 × 5
B3 × 5
7
B4 × 6
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B4 × 6
10
13
B3 × 5
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2
B4 × 6
B4 × 10
12
9
7
B3 × 5
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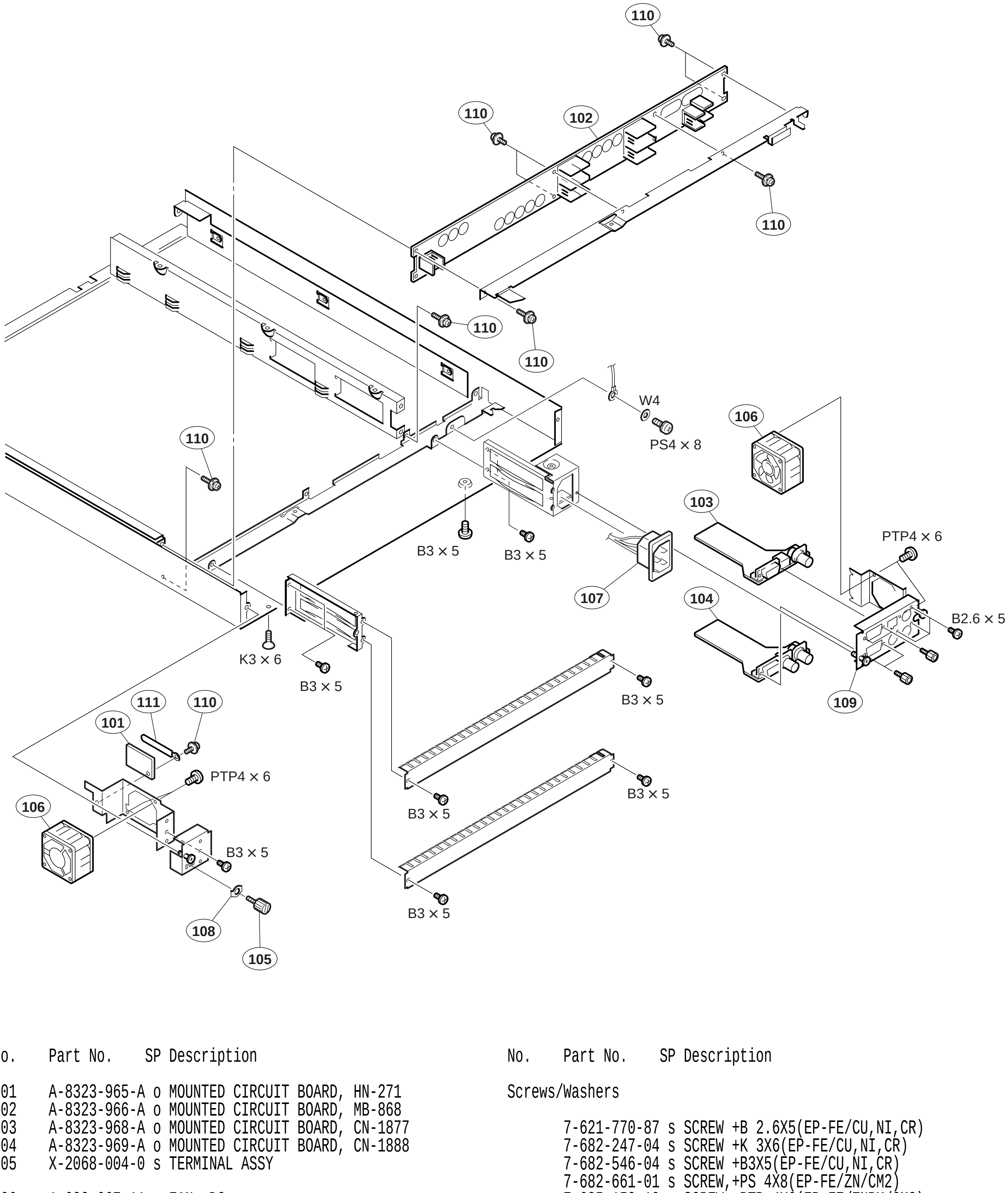
3
B3 × 5
14
13
14
12
B4 × 10
8
SPRING PIN
3 × 6
6
8
SPRING PIN
3 × 6
1
14

No.	Part No.	SP	Description
1	A-8323-982-A	o	MOUNTED CIRCUIT BOARD, VSW-68
2	X-3605-678-2	o	STOPPER ASSY,EXTRACT PWB(1U)
3	X-3605-758-1	o	PANEL ASSY,FRONT
4	⚠ 1-468-481-11	s	REGULATOR, SWITCHING
5	3-189-023-02	o	COVER, SW
6	3-571-485-00	s	CUSHION
7	3-623-965-01	o	BRACKET(1U),RACK MOUNT
8	3-624-100-02	o	LEVER, PWB
9	3-624-809-01	s	FILTER (PUR-FM)
10	3-624-821-01	s	SCREW +PSW 3X6(CU,NI)
11	3-624-822-01	s	SCREW +PSW 3X8(CU,NI)
12	3-624-859-01	o	BRACKET, PANEL
13	3-650-537-00	o	WASHER (PLA)
14	4-886-821-11	s	SCREW, M3X6 CASE(SILVER)

Screws/Washers

Part No.	SP	Description
7-626-300-54	s	SPRING PIN 3X6
7-682-247-04	s	SCREW +K 3X6(EP-FE/CU,NI,CR)
7-682-546-04	s	SCREW +B3X5(EP-FE/CU,NI,CR)
7-682-560-04	o	SCREW +B4X6(EP-FE/CU,NI,CR)
7-682-562-04	s	SCREW +B4X10(EP-FE/CU,NI,FE)

Rear Side (HDS-X3400)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102
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W4
PS4 × 8
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103
PTP4 × 6
B3 × 5
B3 × 5
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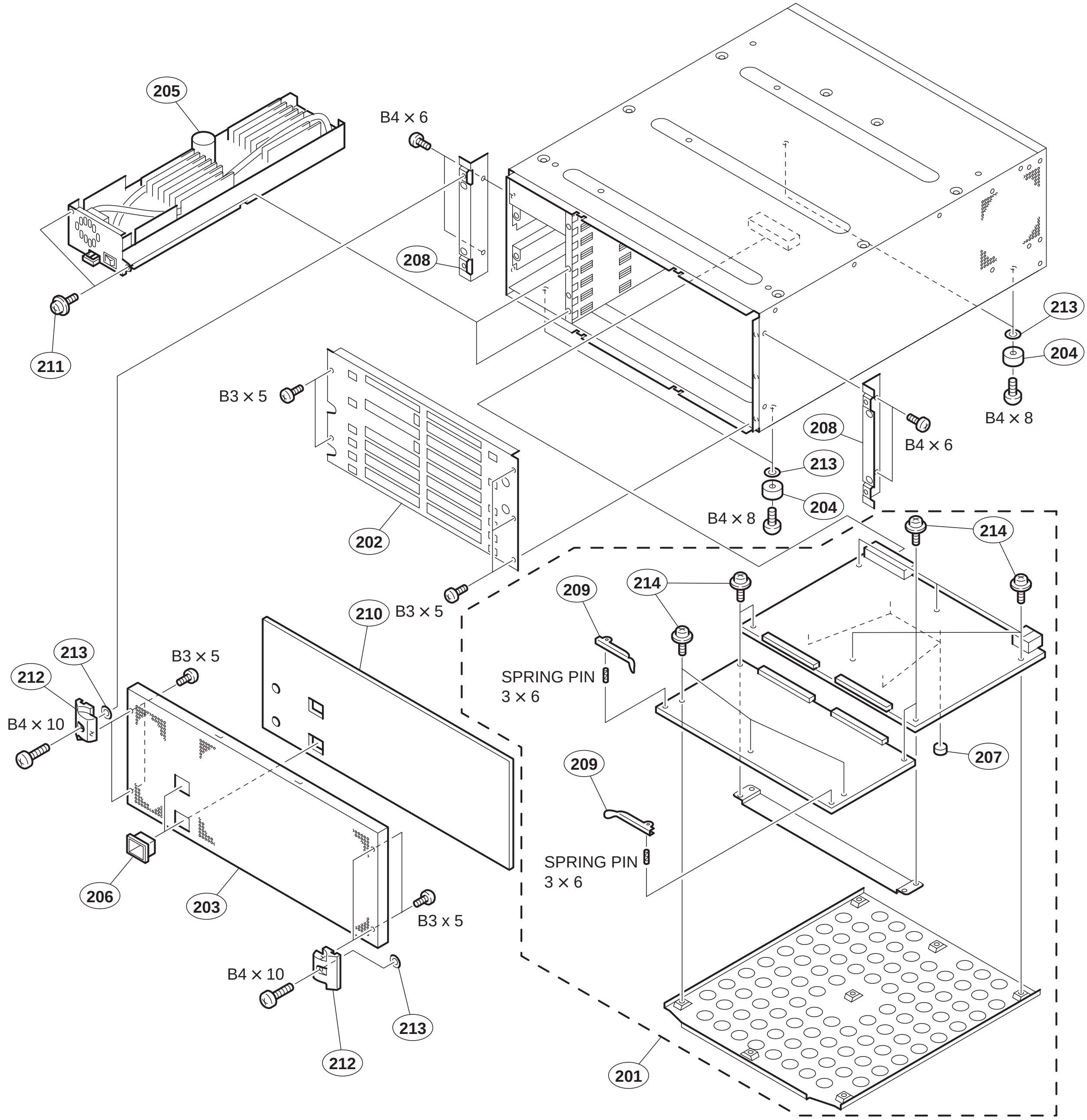
K3 × 6
B3 × 5
B3 × 5
109
111
110
101
PTP4 × 6
B3 × 5
106
B3 × 5
B3 × 5
B3 × 5
108
105

No.	Part No.	SP	Description
101	A-8323-965-A	o	MOUNTED CIRCUIT BOARD, HN-271
102	A-8323-966-A	o	MOUNTED CIRCUIT BOARD, MB-868
103	A-8323-968-A	o	MOUNTED CIRCUIT BOARD, CN-1877
104	A-8323-969-A	o	MOUNTED CIRCUIT BOARD, CN-1888
105	X-2068-004-0	s	TERMINAL ASSY
106	1-698-667-11	s	FAN, DC
107 ⚠	1-960-174-11	o	HARNESS (AC INLET HARNESS)
108	2-068-008-00	s	WASHER
109	3-624-632-01	o	PANEL,CN
110	3-624-822-01	s	SCREW +PSW 3X8(CU,NI)
111	3-701-822-00	s	HOLDER, WIRE

No.	Part No.	SP	Description
Screws/Washers			
	7-621-770-87	s	SCREW +B 2.6X5(EP-FE/CU,NI,CR)
	7-682-247-04	s	SCREW +K 3X6(EP-FE/CU,NI,CR)
	7-682-546-04	s	SCREW +B3X5(EP-FE/CU,NI,CR)
	7-682-661-01	s	SCREW,+PS 4X8(EP-FE/ZN/CM2)
	7-685-158-19	s	SCREW +PTP 4X6(EP-FE/ZNBK/CM2)
	7-688-004-11	o	WASHER W4 (M)(EP-FE/ZN/CM2)

1-2-2. HDS-X3600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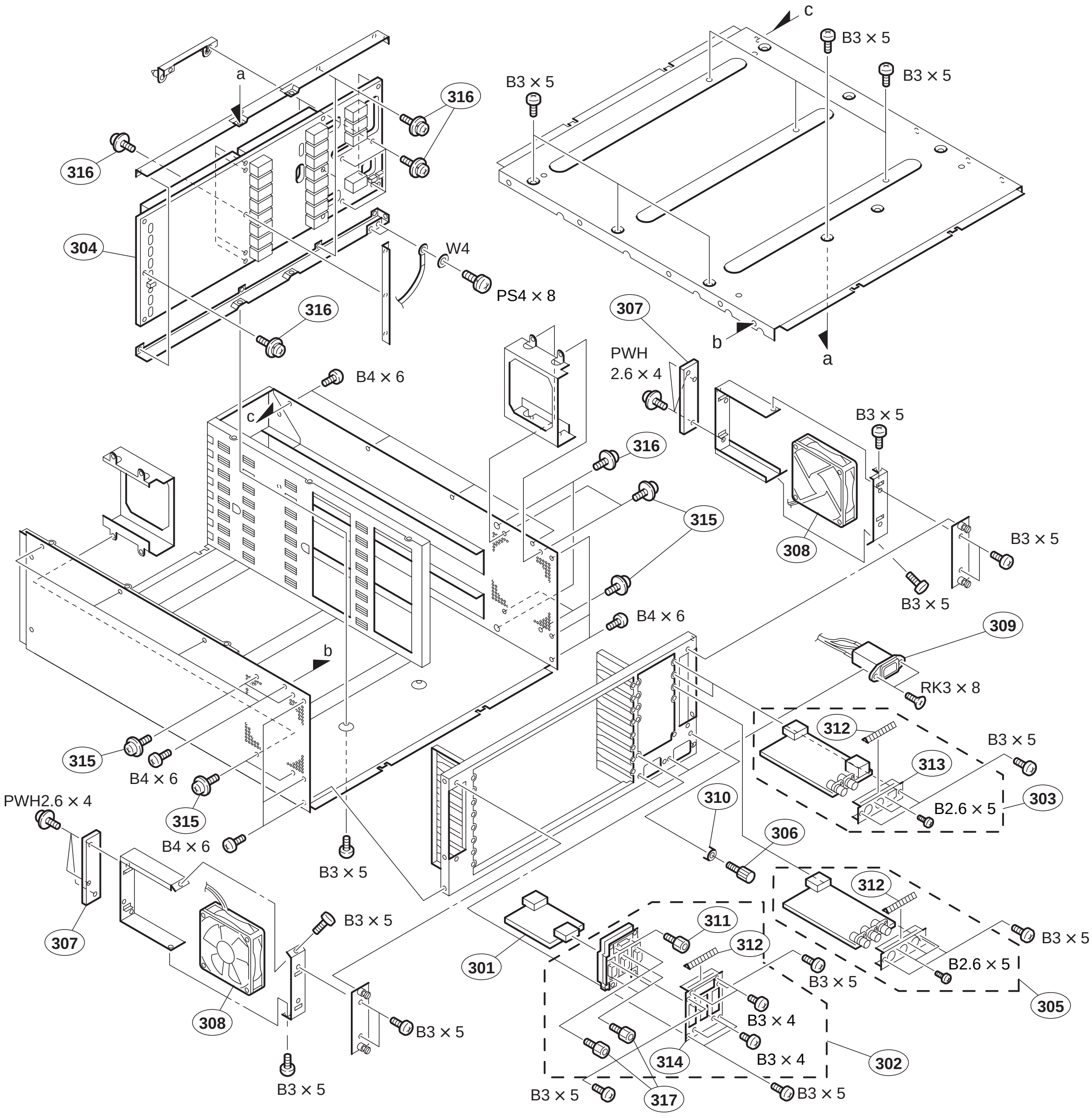
210
B3 × 5
213
B3 × 5
212
SPRING PIN
3 × 6
B4 × 10
207
209
SPRING PIN
3 × 6
206
203
B3 x 5
B4 × 10
213
212
201

No.	Part No.	SP	Description
201	A-8323-980-A	o	MOUNTED CIRCUIT BOARD, CPU-294
202	X-3605-679-1	o	STOPPER ASSY,SWITCH BOARD
203	X-3605-681-1	o	PANEL ASSY, FRONT
204	X-3605-751-1	s	FOOT ASSY (ABS)
205 ⚠	1-468-480-11	s	REGULATOR, SWITCHING
206	3-189-023-02	o	COVER, SW
207	3-571-485-00	s	CUSHION
208	3-623-997-01	o	BRACKET(4U),RACK MOUNT
209	3-624-100-02	o	LEVER, PWB
210	3-624-118-02	o	FILTER
211	3-624-821-01	s	SCREW +PSW 3X6(CU,NI)
212	3-624-859-01	o	BRACKET, PANEL
213	3-650-537-00	o	WASHER (PLA)
214	4-886-821-11	s	SCREW, M3X6 CASE(SILVER)

No.	Part No.	SP	Description
Screws/Washers			
	7-626-300-54	s	SPRING PIN 3X6
	7-682-546-04	s	SCREW +B3X5(EP-FE/CU,NI,CR)
	7-682-560-04	o	SCREW +B4X6(EP-FE/CU,NI,CR)
	7-682-561-09	s	SCREW +B4X8(EP-FE/ZNBK/CM2)
	7-682-562-04	s	SCREW +B4X10(EP-FE/CU,NI,FE)

Rear Side (HDS-X3600)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304
W4
PS4 × 8
316
307
PWH
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b
a
B4 × 6
c
316
B3 × 5
315
308
B3 × 5
B3 × 5
B4 × 6
309
RK3 × 8
b
312
B3 × 5
313
315
B4 × 6
PWH2.6 × 4
315
B4 × 6
B3 × 5
310
306
B2.6 × 5
303
312
B3 × 5
311
312
307
301
B3 × 5
B3 × 5
B2.6 × 5
B3 × 5
305
B3 × 4
308
B3 × 5
B3 × 4
314
302
B3 × 5
B3 × 5
B3 × 5
317

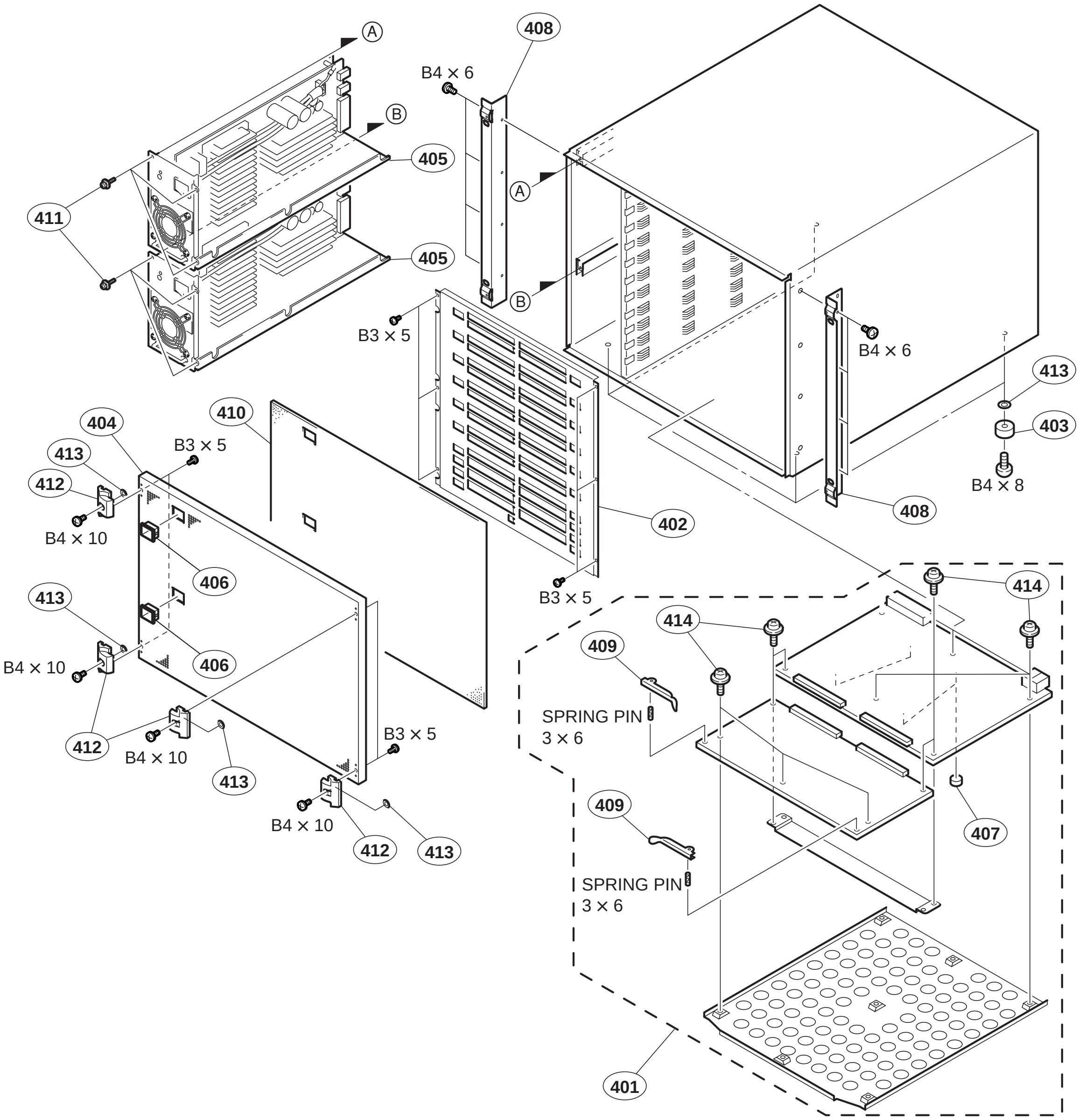
No.	Part No.	SP	Description
301	A-8323-960-A	o	MOUNTED CIRCUIT BOARD, HN-269
302	A-8323-961-A	o	MOUNTED CIRCUIT BOARD, RP-115
303	A-8323-962-A	o	MOUNTED CIRCUIT BOARD, RM-185
304	A-8323-963-A	o	MOUNTED CIRCUIT BOARD, MB-886
305	A-8323-979-A	o	MOUNTED CIRCUIT BOARD, CKG-28
306	X-2068-004-0	s	TERMINAL ASSY
307	1-676-352-11	o	PRINTED CIRCUIT BOARD, HN-276
308	1-698-890-13	s	DC FAN (92 SQUARE)
309 ⚠	1-960-173-11	o	HARNESS (WITH INLET)
310	2-068-008-00	s	WASHER
311	2-133-531-01	o	SCREW, CONNECTOR
312	3-175-260-01	o	FINGER, SNAP
313	3-624-102-01	o	BRACKET, CN (REF)
314	3-624-108-01	o	BRACKET, CN (REM-2)
315	3-624-821-01	s	SCREW +PSW 3X6(CU,NI)

No.	Part No.	SP	Description
316	3-624-822-01	s	SCREW +PSW 3X8(CU,NI)
317	3-673-910-21	o	SCREW, CONNECTOR

Screws/Washers

No.	Part No.	SP	Description
	7-621-770-87	s	SCREW +B 2.6X5(EP-FE/CU,NI,CR)
	7-682-348-09	s	SCREW +RK 3X8 (EP-FE/ZNBK/CM2)
	7-682-545-04	s	SCREW +B 3X4(EP-FE/CU,NI,CR)
	7-682-546-04	s	SCREW +B3X5(EP-FE/CU,NI,CR)
	7-682-560-04	o	SCREW +B4X6(EP-FE/CU,NI,CR)
	7-682-661-01	s	SCREW,+PS 4X8(EP-FE/ZN/CM2)
	7-682-902-01	s	SCREW +PWH 2.6X4(EP-FE/ZN/CM2)
	7-688-004-11	o	WASHER W4 (M)(EP-FE/ZN/CM2)

1-2-3. HDS-X3700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B3 × 5
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412
B4 × 10
408
402
406
413
B3 × 5
414
414
409
SPRING PIN
3 × 6
B4 × 10
406
412
B4 × 10
B3 × 5
413
407
409
SPRING PIN
3 × 6
B4 × 10
412
413
401

No.	Part No.	SP	Description
401	A-8323-980-A	o	MOUNTED CIRCUIT BOARD, CPU-294
402	X-3605-680-1	o	STOPPER ASSY,EXTRACT PWB(8U)
403	X-3605-751-1	s	FOOT ASSY (ABS)
404	X-3605-759-1	o	PANEL ASSY,FRONT
405 ⚠	1-468-479-11	s	REGULATOR, SWITCHING
406	3-189-361-01	o	COVER, SW
407	3-571-485-00	s	CUSHION
408	3-623-966-01	o	BRACKET(8U),RACK MOUNT
409	3-624-100-02	o	LEVER, PWB
410	3-624-808-01	s	FILTER (PUR-FM)
411	3-624-821-01	s	SCREW +PSW 3X6(CU,NI)
412	3-624-859-01	o	BRACKET, PANEL
413	3-650-537-00	o	WASHER (PLA)
414	4-886-821-11	s	SCREW, M3X6 CASE(SILVER)

No.	Part No.	SP	Description
Screws/Washers			
	7-626-300-54	s	SPRING PIN 3X6
	7-682-546-04	s	SCREW +B3X5(EP-FE/CU,NI,CR)
	7-682-560-04	s	SCREW +B4X6(EP-FE/CU,NI,CR)
	7-682-561-09	s	SCREW +B4X8(EP-FE/CU,NI,CR)
	7-682-562-04	s	SCREW +B4X10(EP-FE/CU,NI,FE)

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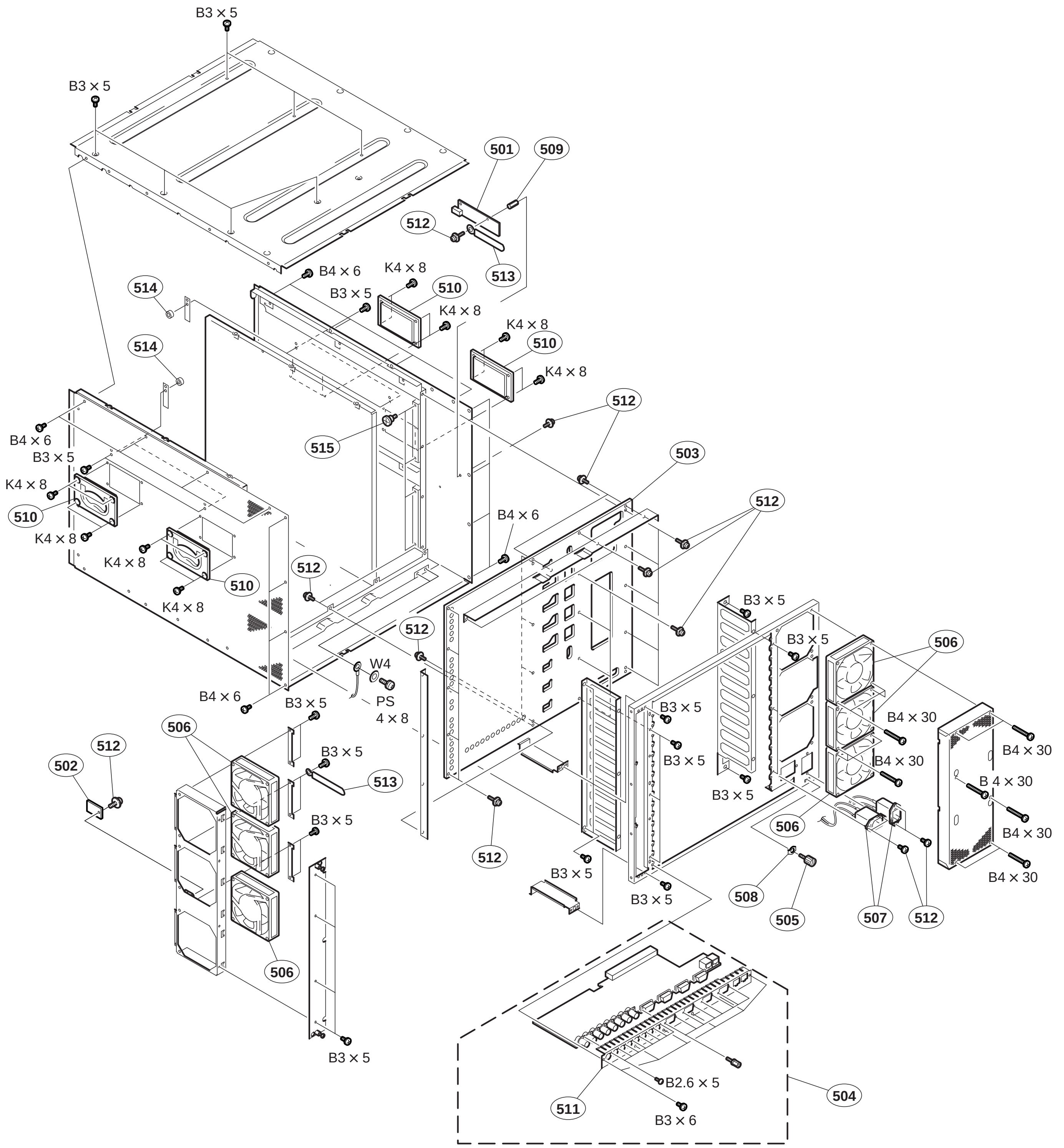
Rear Side (HDS-X3700)


B3 × 5
B3 × 5
501
509
512
513
B4 × 6
K4 × 8
514
B3 × 5
510
K4 × 8
514
K4 × 8
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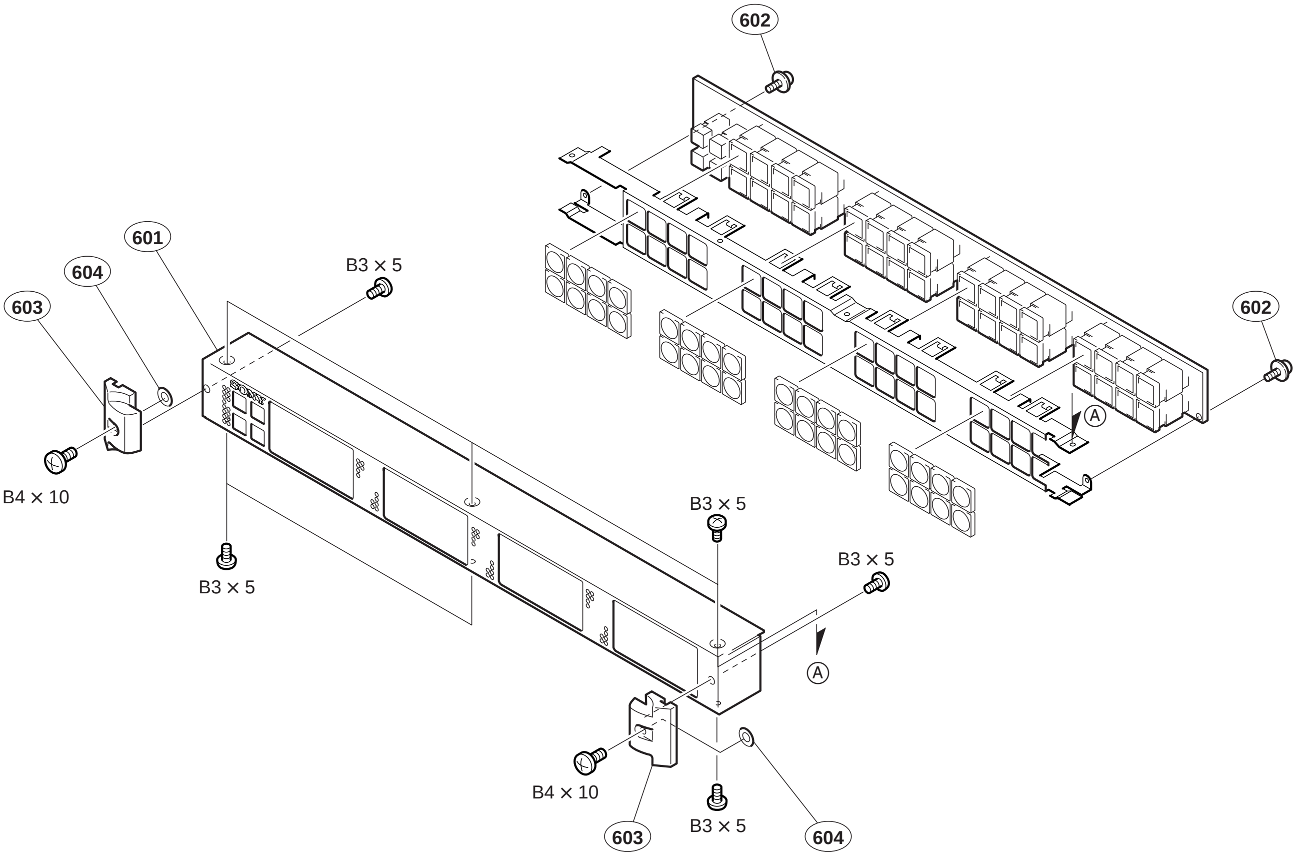
K4 × 8
512
B4 × 6
B3 × 5
K4 × 8
515
503
510
K4 × 8
B4 × 6
512
K4 × 8
512
510
K4 × 8
B3 × 5
512
W4
PS
4 × 8
B4 × 6
B3 × 5
506
B3 × 5
506
512
502
B3 × 5
513
B4 × 30
B3 × 5
B4 × 30
B3 × 5
B3 × 5
B 4 × 30
B3 × 5
506
B4 × 30
512
B3 × 5
B3 × 5
508
B4 × 30
505
507
512
506
B3 × 5
B2.6 × 5
504
511
B3 × 6

No.	Part No.	SP	Description
501	A-8323-954-A	o	MOUNTED CIRCUIT BOARD, HN-270
502	A-8323-955-A	o	MOUNTED CIRCUIT BOARD, HN-273
503	A-8323-956-A	o	MOUNTED CIRCUIT BOARD, MB-864
504	A-8323-981-A	o	MOUNTED CIRCUIT BOARD, CN-1875
505	X-2068-004-0	s	TERMINAL ASSY
506	1-698-890-13	s	DC FAN (92 SQUARE)
507 ⚠	1-960-172-11	o	HARNESS (WITH INLET)
508	2-068-008-00	s	WASHER
509	2-280-622-21	s	SUPPORT (M3),HEXAGON
510	3-623-989-01	o	HANDLE,FLAT
511	3-624-111-03	o	PANEL, CN
512	3-624-822-01	s	SCREW +PSW 3X8(CU,NI)
513	3-701-822-00	s	HOLDER, WIRE
514	4-334-513-00	s	NUT(M3) WITH NYLON (PLA)
515	4-884-982-00	s	SCREW,STEP

Screws/Washers

Part No.	SP	Description
7-621-770-87	s	SCREW +B 2.6X5(EP-FE/CU,NI,CR)
7-682-261-04	s	SCREW +K 4X8(EP-FE/CU,NI,CR)
7-682-546-04	s	SCREW +B3X5(EP-FE/CU,NI,CR)
7-682-547-04	s	SCREW +B 3X6(EP-FE/CU,NI,CR)
7-682-560-04	o	SCREW +B4X6(EP-FE/CU,NI,CR)
7-682-568-04	s	SCREW +B4X30(EP-FE/CU,NI,CR)
7-682-661-01	s	SCREW,+PS 4X8(EP-FE/ZN/CM2)
7-688-004-11	o	WASHER W4 (M)(EP-FE/ZN/CM2)

Control Panel (BKS-R3400)

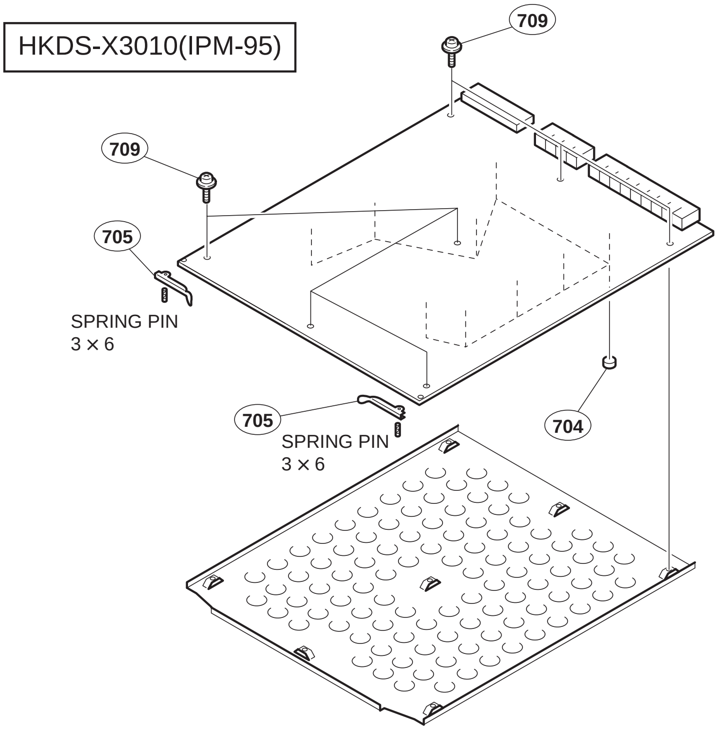

602
601
604
603
B3 × 5
602
A
B4 × 10
B3 × 5
B3 × 5
B3 × 5
A
B4 × 10
603
B3 × 5
604

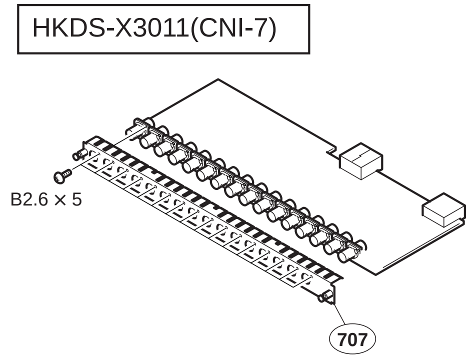
No.	Part No.	SP	Description
601	X-3605-845-1	o	PANEL(RM) ASSY, FRONT
602	3-624-822-01	s	SCREW +PSW 3X8(CU,NI)
603	3-624-859-01	o	BRACET, PANEL
604	3-696-510-01	s	WASHER(3), STOPPER

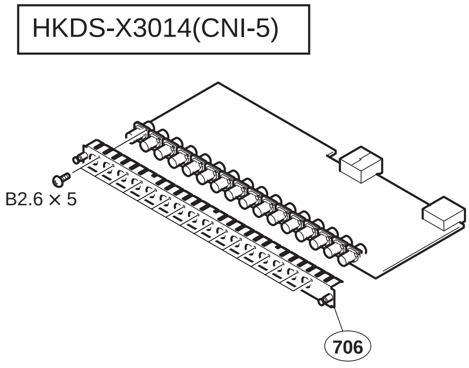
Screws/Washers

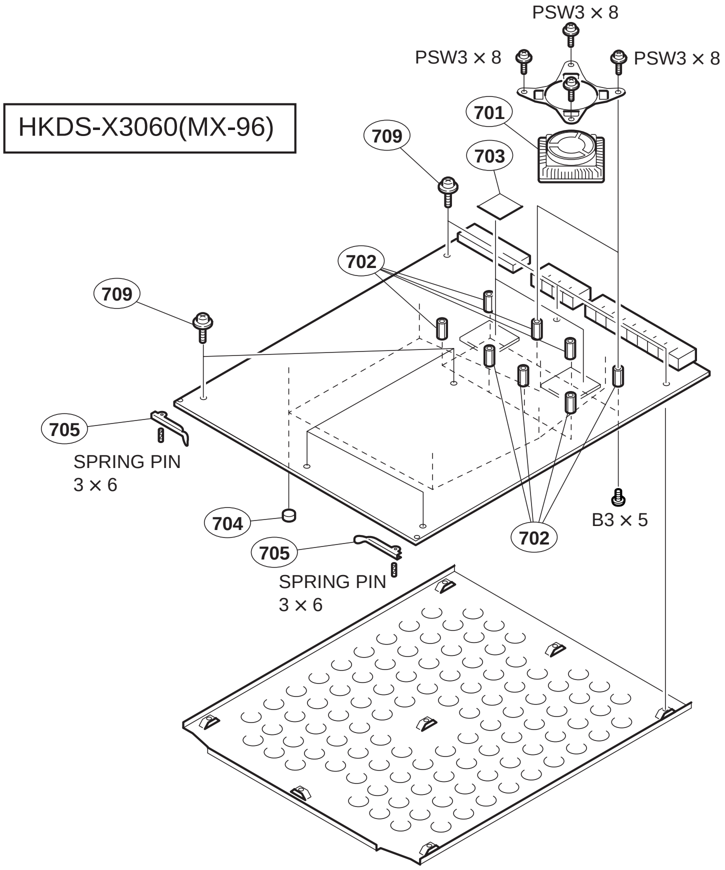
	Part No.	SP	Description
	7-682-546-04	s	SCREW +B 3X5
	7-682-562-04	s	SCREW +B 4X10

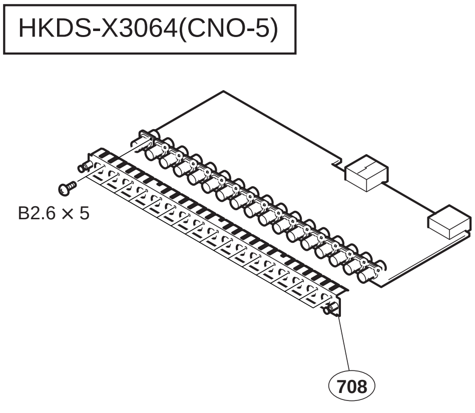
Optional Board (HKDS-X3010/X3011/X3014/X3060/X3064)


HKDS-X3010(IPM-95)
709
709
705
SPRING PIN
3 × 6
705
SPRING PIN
3 × 6
704


HKDS-X3011(CNI-7)
B2.6 × 5
707


HKDS-X3014(CNI-5)
B2.6 × 5
706


PSW3 × 8
PSW3 × 8
PSW3 × 8
HKDS-X3060(MX-96)
701
709
703
702
709
705
SPRING PIN
3 × 6
704
705
SPRING PIN
3 × 6
702
B3 × 5


HKDS-X3064(CNO-5)
B2.6 × 5
708

No.	Part No.	SP	Description
701	1-763-368-11	s	D.C. FAN
702	2-535-013-02	o	COLLAR, SCREW
703	3-202-478-11	o	SHEET,RADIATION
704	3-571-485-00	s	CUSHION
705	3-624-100-02	o	LEVER, PWB
706	3-624-109-01	o	PANEL, CN (IN)
707	3-624-109-11	o	PANEL, CN (IN)
708	3-624-110-01	o	PANEL, CN (OUT)
709	4-886-821-11	s	SCREW, M3X6 CASE(SILVER)

No.	Part No.	SP	Description
Screws/Washers			
	7-621-770-87	s	SCREW +B 2.6X5(EP-FE/CU,NI,CR)
	7-626-300-54	s	SPRING PIN 3X6
	7-682-546-04	s	SCREW +B3X5(EP-FE/CU,NI,CR)
	7-682-948-01	s	SCREW +PSW 3X8(EP-FE/ZN/CM2)

1-3. Electrical Parts List

1-3-1. Mounted Circuit Boards List

CKG-28 BOARD (HDS-X3600)

Ref. No. or Q’ty	Part No.	SP	Description
2pcs	A-8323-979-A	o	MOUNTED CIRCUIT BOARD, CKG-28
2pcs	7-621-770-87	s	SCREW +B2.6X5(EP-FE/CU,NI,CR)
C102	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C104	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C105	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C106	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C108	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C110	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C111	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C113	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C115	1-131-349-00	s	CAPACITOR,TANTALUME 2.2MF/35V
C116	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C117	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C120	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C121	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C123	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C124	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C125	1-165-176-11	s	CAPACITOR CERAMIC 47000PF/16V
C126	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C127	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C128	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C129	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C130	1-115-412-11	s	CAPACITOR,CERAMIC 680PF/25V CH
C131	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C132	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C134	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C135	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C136	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C137	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C138	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C139	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C140	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C141	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C142	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C143	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C145	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C146	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C147	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C148	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C149	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C151	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C152	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C153	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C154	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C155	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C161	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C162	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C166	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C167	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C168	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C169	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C171	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C173	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C200	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C201	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C202	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C203	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C204	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)

(CKG-28 BOARD (HDS-X3600))

Ref. No. or Q’ty	Part No.	SP	Description
C205	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
CN100	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN101	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN200	1-785-300-11	s	JACK, MODULAR 8P
D101	8-719-820-41	s	DIODE 1SS302
D105	8-719-041-39	s	DIODE KV1470 (5MA)
IC100	8-759-594-71	s	IC TC7SH14FU-TE85R
IC101	8-759-485-79	s	IC TC7SET08FU (TE85L)
IC102	8-759-533-83	s	IC AD8011AR-REEL
IC103	8-759-549-00	s	IC SN74LV123APWR
IC104	8-759-987-27	s	IC LM1881M
IC106	1-809-861-11	s	IC NJM78L08UA
IC107	8-759-528-99	s	IC TC74VHC221AFT(EL)
IC109	8-759-359-66	s	IC TL082CPW (E05)
IC110	8-759-710-91	s	IC NJU201AM
IC111	8-759-441-31	s	IC MC14053BDTR2
IC114	8-759-359-66	s	IC TL082CPW (E05)
IC115	8-759-646-80	o	IC 7032SLC44-CN1875IC115-V1.00
IC119	8-759-549-00	s	IC SN74LV123APWR
IC122	8-759-096-87	s	IC TC7WU04FU (TE12R)
IC200	8-759-561-68	s	IC AM26C31CDB-E05
IC201	8-759-549-20	s	IC SN74LV541APWR
IC202	8-759-234-08	s	IC TA78L05F
IS115	1-251-047-11	s	SOCKET,IC
L100	1-412-919-31	s	INDUCTOR CHIP 0.022UH (2520)
L101	1-412-919-31	s	INDUCTOR CHIP 0.022UH (2520)
L104	1-412-963-11	s	INDUCTOR 100UH (2520)
L200	1-424-642-11	s	COIL, CHOKE 47UH
PS200	⚠ 1-533-282-21	s	CIRCUIT PROTECTOR 2A (3225)
Q101	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q102	8-729-117-32	s	TRANSISTOR 2SC4177
Q103	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
R101	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R103	1-218-738-11	s	RESISTOR,CHIP 82K 1/16W(1608)
R105	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R107	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R108	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R112	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R113	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R116	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R118	1-218-911-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R119	1-216-857-11	s	RESISTOR, CHIP 1.0M 1/16W 1608
R120	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R121	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R125	1-218-652-11	s	RESISTOR,CHIP 22 1/16W (1608)
R130	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R132	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R133	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R134	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R135	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R136	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R137	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R138	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R139	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R140	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)

(CKG-28 BOARD (HDS-X3600))

Ref. No. or Q’ty	Part No.	SP	Description
R141	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R142	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R143	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R144	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R145	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R146	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R147	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R148	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R149	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R150	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R151	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R152	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R153	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R154	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R155	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R156	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R157	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R158	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R159	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R160	1-216-857-11	s	RESISTOR, CHIP 1.0M 1/16W 1608
R161	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R162	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R163	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R164	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R165	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R166	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R200	1-218-620-11	s	RESISTOR,CHIP 33/1W (6331)
RB104	1-239-409-11	s	RESISTOR NETWORK 47 (1608)
RB200	1-239-409-11	s	RESISTOR NETWORK 47 (1608)
RB201	1-239-409-11	s	RESISTOR NETWORK 47 (1608)
X100	1-760-072-11	s	VIBRATOR,CRYSTAL

CN-1875 BOARD (HDS-X3700)

Ref. No. or Q’ty	Part No.	SP	Description
1pc	A-8323-981-A	o	MOUNTED CIRCUIT BOARD, CN-1875
2pcs	7-621-770-87	s	SCREW +B2.6X5(EP-FE/CU,NI,CR)
1pc	7-682-547-04	s	SCREW +B3X6(EP-FE/CU,NI,CR)
C102	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C104	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C105	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C106	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C108	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C110	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C111	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C113	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C115	1-131-349-00	s	CAPACITOR,TANTALUME 2.2MF/35V
C116	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C117	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C120	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C121	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C123	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C124	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C125	1-165-176-11	s	CAPACITOR CERAMIC 47000PF/16V
C126	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C127	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C128	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C129	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C130	1-115-412-11	s	CAPACITOR,CERAMIC 680PF/25V CH
C131	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C132	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C134	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C135	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C136	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C137	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C138	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C139	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C140	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C141	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C142	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C143	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C145	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C146	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C147	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C148	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C149	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C151	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C152	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C153	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C154	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C155	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C161	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C162	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C166	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C167	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C168	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C169	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C171	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C173	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C201	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C202	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C203	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C204	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP	Description
C205	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C207	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C208	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C209	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C210	1-131-349-00	s	CAPACITOR,TANTALUME 2.2MF/35V
C211	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C212	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C213	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C214	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C215	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C217	1-165-176-11	s	CAPACITOR CERAMIC 47000PF/16V
C218	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C219	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C220	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C221	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C222	1-115-412-11	s	CAPACITOR,CERAMIC 680PF/25V CH
C223	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C224	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C226	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C227	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C228	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C229	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C230	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C231	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C232	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C233	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C234	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C235	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C236	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C237	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C238	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C239	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C240	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C242	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C243	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C244	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C245	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C246	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C249	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C252	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C253	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C257	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C258	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C259	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C260	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C262	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C300	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C301	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C302	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C303	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C304	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C305	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C306	1-126-396-11	s	CAPACITOR,ELECT 47MF/16V(CHIP)
C307	1-126-396-11	s	CAPACITOR,ELECT 47MF/16V(CHIP)
C308	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C309	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C310	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C311	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C312	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V

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Ref. No. or Q'ty	Part No.	SP	Description
C313	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C314	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C315	1-107-778-11	s	CAPACITOR,ELECT 470MF/16V CHIP
CN100	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN101	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN200	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN201	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN301	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN302	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN303	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN304	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN305	1-766-174-11	o	CONNECTOR, SQUARE TYPE (D-SUB)
CN306	1-766-174-11	o	CONNECTOR, SQUARE TYPE (D-SUB)
CN307	1-779-059-11	o	PIN, CONNECTOR (PC BOARD) 9P
CN308	1-764-642-11	o	CONNECTOR,D-SUB 15P
CN309	1-785-300-11	s	JACK, MODULAR 8P
CN310	1-785-300-11	s	JACK, MODULAR 8P
D101	8-719-820-41	s	DIODE 1SS302
D105	8-719-041-39	s	DIODE KV1470 (5MA)
D200	8-719-820-41	s	DIODE 1SS302
D204	8-719-041-39	s	DIODE KV1470 (5MA)
FB301	1-410-396-41	s	FERRITE BEAD INDUCTOR 0.45UH
FB302	1-410-396-41	s	FERRITE BEAD INDUCTOR 0.45UH
FB303	1-410-396-41	s	FERRITE BEAD INDUCTOR 0.45UH
FB304	1-410-396-41	s	FERRITE BEAD INDUCTOR 0.45UH
IC100	8-759-594-71	s	IC TC7SH14FU-TE85R
IC101	8-759-485-79	s	IC TC7SET08FU (TE85L)
IC102	8-759-533-83	s	IC AD8011AR-REEL
IC103	8-759-549-00	s	IC SN74LV123APWR
IC104	8-759-987-27	s	IC LM1881M
IC106	1-809-861-11	s	IC NJM78L08UA
IC107	8-759-528-99	s	IC TC74VHC221AFT(EL)
IC109	8-759-359-66	s	IC TL082CPW (E05)
IC110	8-759-710-91	s	IC NJU201AM
IC111	8-759-441-31	s	IC MC14053BDTR2
IC114	8-759-359-66	s	IC TL082CPW (E05)
IC115	8-759-646-80	o	IC 7032SLC44-CN1875IC115-V1.00
IC119	8-759-549-00	s	IC SN74LV123APWR
IC122	8-759-096-87	s	IC TC7WU04FU (TE12R)
IC200	8-759-594-71	s	IC TC7SH14FU-TE85R
IC201	8-759-485-79	s	IC TC7SET08FU (TE85L)
IC202	8-759-533-83	s	IC AD8011AR-REEL
IC203	8-759-549-00	s	IC SN74LV123APWR
IC206	8-759-987-27	s	IC LM1881M
IC207	1-809-861-11	s	IC NJM78L08UA
IC210	8-759-359-66	s	IC TL082CPW (E05)
IC212	8-759-710-91	s	IC NJU201AM
IC217	8-759-441-31	s	IC MC14053BDTR2
IC219	8-759-359-66	s	IC TL082CPW (E05)
IC221	8-759-646-80	o	IC 7032SLC44-CN1875IC115-V1.00
IC223	8-759-549-00	s	IC SN74LV123APWR
IC224	8-759-096-87	s	IC TC7WU04FU (TE12R)
IC300	8-759-561-68	s	IC AM26C31CDB-E05
IC301	8-759-549-20	s	IC SN74LV541APWR
IC302	8-759-521-07	s	IC MAX238CWG
IC303	8-759-358-38	s	IC NJM78M05DLA(TE1)
IS115	1-251-047-11	s	SOCKET,IC

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Ref. No. or Q'ty	Part No.	SP	Description
IS221	1-251-047-11	s	SOCKET,IC
L100	1-412-919-31	s	INDUCTOR CHIP 0.022UH (2520)
L101	1-412-919-31	s	INDUCTOR CHIP 0.022UH (2520)
L104	1-412-963-11	s	INDUCTOR 100UH (2520)
L200	1-412-919-31	s	INDUCTOR CHIP 0.022UH (2520)
L201	1-412-919-31	s	INDUCTOR CHIP 0.022UH (2520)
L202	1-412-963-11	s	INDUCTOR 100UH (2520)
L300	1-424-642-11	s	COIL, CHOKE 47UH
L301	1-424-642-11	s	COIL, CHOKE 47UH
PS300 ⚠	1-533-282-21	s	CIRCUIT PROTECTOR 2A (3225)
Q101	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q102	8-729-117-32	s	TRANSISTOR 2SC4177
Q103	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
Q200	8-729-143-07	s	TRANSISTOR 2SA1610-Y33
Q201	8-729-117-32	s	TRANSISTOR 2SC4177
Q202	8-729-140-63	s	TRANSISTOR 2SA1611-M5M6
R101	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R103	1-218-738-11	s	RESISTOR,CHIP 82K 1/16W(1608)
R105	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R107	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R108	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R112	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R113	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R116	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R118	1-218-911-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R119	1-216-857-11	s	RESISTOR, CHIP 1.0M 1/16W 1608
R120	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R121	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R125	1-218-652-11	s	RESISTOR,CHIP 22 1/16W (1608)
R130	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R132	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R133	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R134	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R135	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R136	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R137	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R138	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R139	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R140	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R141	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R142	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R143	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R144	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R145	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R146	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R147	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R148	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R149	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R150	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R151	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R152	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R153	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R154	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R155	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R156	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R157	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R158	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R159	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R160	1-216-857-11	s	RESISTOR, CHIP 1.0M 1/16W 1608
R161	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R162	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R163	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R164	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R165	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R166	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R200	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R201	1-218-738-11	s	RESISTOR,CHIP 82K 1/16W(1608)
R202	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R203	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R204	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R205	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R206	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R207	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R208	1-218-911-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R209	1-216-857-11	s	RESISTOR, CHIP 1.0M 1/16W 1608
R210	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R211	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R212	1-218-652-11	s	RESISTOR,CHIP 22 1/16W (1608)
R213	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R214	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R215	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R216	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R217	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R218	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R219	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R220	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R221	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R222	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R223	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R224	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R225	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R226	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R227	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R228	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R229	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R230	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R231	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R232	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R233	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R234	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R235	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R236	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R237	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R238	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R239	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R240	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R241	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R242	1-216-857-11	s	RESISTOR, CHIP 1.0M 1/16W 1608
R243	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R244	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R245	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R246	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R247	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R248	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R311	1-218-614-11	s	RESISTOR CHIP 10/1W (5331)

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Ref. No. or Q'ty	Part No.	SP	Description
RB104	1-239-409-11	s	RESISTOR NETWORK 47 (1608)
RB206	1-239-409-11	s	RESISTOR NETWORK 47 (1608)
RB300	1-239-409-11	s	RESISTOR NETWORK 47 (1608)
RB301	1-239-409-11	s	RESISTOR NETWORK 47 (1608)
RB302	1-239-409-11	s	RESISTOR NETWORK 47 (1608)
RB303	1-239-409-11	s	RESISTOR NETWORK 47 (1608)
X100	1-760-072-11	s	VIBRATOR,CRYSTAL
X200	1-760-072-11	s	VIBRATOR,CRYSTAL

CN-1877 BOARD (HDS-X3400)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8323-968-A	o	MOUNTED CIRCUIT BOARD, CN-1877
1pc	7-621-770-87	s	SCREW +B2.6X5(EP-FE/CU,NI,CR)
1pc	7-682-547-04	s	SCREW +B3X6(EP-FE/CU,NI,CR)
C2	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C3	1-126-157-11	s	CAPACITOR,ELECT 10MF/16V (105)
C6	1-124-589-11	s	CAPACITOR,ELECT 47MF/16V
C7	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
CN1	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN2	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN3	1-766-174-11	o	CONNECTOR, SQUARE TYPE (D-SUB)
CN4	1-506-703-11	o	POST HEADER,ILG CONNECTOR 4P
D1	8-719-800-76	s	DIODE 1SS226
L1	1-412-919-31	s	INDUCTOR CHIP 0.022UH (2520)
L2	1-412-919-31	s	INDUCTOR CHIP 0.022UH (2520)
PS1	⚠1-532-984-11	s	CIRCUIT PROTECTOR (2.0A)
Q1	8-729-112-65	s	TRANSISTOR 2SA1462
R1	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R2	1-216-697-91	s	RESISTOR,CHIP METAL OXIDE 82K
R3	1-216-643-11	s	RESISTOR,CHIP 470 1/10W (2012)
R4	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R5	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R6	1-216-611-11	s	RESISTOR,CHIP 22 1/10W (2012)

CN-1888 BOARD (HDS-X3400)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8323-969-A	o	MOUNTED CIRCUIT BOARD, CN-1888
1pc	7-621-770-87	s	SCREW +B2.6X5(EP-FE/CU,NI,CR)
1pc	7-682-547-04	s	SCREW +B3X6(EP-FE/CU,NI,CR)
CN1	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN2	1-785-300-11	s	JACK, MODULAR 8P
CN3	1-779-059-11	o	PIN, CONNECTOR (PC BOARD) 9P
CN6	1-560-357-11	o	CONNECTOR POST HEADER,ILG (3P)

CNI-5 BOARD (HKDS-X3014)

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	7-621-770-87	s	SCREW +B2.6X5(EP-FE/CU,NI,CR)
C1	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C2	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C3	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C4	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C5	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C6	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C7	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C8	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C9	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C10	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C11	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C12	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C13	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C14	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C15	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C16	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C17	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C18	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C19	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C20	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C21	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C22	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C23	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C24	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C25	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C26	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C27	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C28	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C29	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C30	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C31	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C32	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C33	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C34	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C35	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C36	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C37	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C38	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C39	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C40	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C201	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C202	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C203	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C204	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C205	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C206	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C207	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C208	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C209	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C210	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C211	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C212	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C213	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C214	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C215	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C216	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C217	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

(CNI-5 BOARD (HKDS-X3014))

Ref. No. or Q'ty	Part No.	SP	Description
C218	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C219	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C220	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C221	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C222	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C223	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C224	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C225	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C226	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C227	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C228	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C229	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C230	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C231	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C232	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C233	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C234	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C235	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C236	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C237	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C238	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C239	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C240	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C301	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C302	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C303	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C304	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C305	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C306	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C307	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C308	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C309	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C310	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C311	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C312	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C313	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C314	1-107-686-11	s	CAPACITOR,CHIP ELECT 4.7MF/16V
C315	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C316	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C317	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C318	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C319	1-107-778-11	s	CAPACITOR,ELECT 470MF/16V CHIP
CN3	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN4	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN5	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN6	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN7	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN8	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN9	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN10	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN11	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN12	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN13	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN14	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN15	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN16	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN17	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN18	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)

(CNI-5 BOARD (HKDS-X3014))

Ref. No. or Q'ty	Part No.	SP	Description
D301	8-719-987-43	s	LED CL-150PG-CD
D302	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D303	8-719-938-75	s	DIODE SB05-05CP (RECTI)
F301 ⚠	1-576-329-11	s	FUSE CHIP 10A/125V (6125)
IC1	8-759-638-49	s	IC GS1504-CTD
IC2	8-759-638-49	s	IC GS1504-CTD
IC3	8-759-638-49	s	IC GS1504-CTD
IC4	8-759-638-49	s	IC GS1504-CTD
IC5	8-759-638-49	s	IC GS1504-CTD
IC6	8-759-638-49	s	IC GS1504-CTD
IC7	8-759-638-49	s	IC GS1504-CTD
IC8	8-759-638-49	s	IC GS1504-CTD
IC9	8-759-638-49	s	IC GS1504-CTD
IC10	8-759-638-49	s	IC GS1504-CTD
IC11	8-759-638-49	s	IC GS1504-CTD
IC12	8-759-638-49	s	IC GS1504-CTD
IC13	8-759-638-49	s	IC GS1504-CTD
IC14	8-759-638-49	s	IC GS1504-CTD
IC15	8-759-638-49	s	IC GS1504-CTD
IC16	8-759-638-49	s	IC GS1504-CTD
IC301	8-759-937-36	s	IC TL1451ACNS
L1	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L2	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L3	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L4	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L5	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L6	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L7	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L8	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L201	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L202	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L203	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L204	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L205	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L206	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L207	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L208	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L301	1-409-579-11	s	COIL, CHOKE 8.2UH
L302	1-414-993-21	s	INDUCTOR (POWER) 47UH
L303	1-409-579-11	s	COIL, CHOKE 8.2UH
Q301	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q302	8-729-045-53	s	TRANSISTOR SI4431DY-T1
Q303	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q304	8-729-112-65	s	TRANSISTOR 2SA1462
Q305	8-729-012-35	s	FET 2SK711-BL
R1	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R4	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R5	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R6	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R7	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R8	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R9	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R10	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R11	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R12	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)

(CNI-5 BOARD (HKDS-X3014))

Ref. No. or Q'ty	Part No.	SP	Description
R13	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R14	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R15	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R16	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R17	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R18	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R19	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R20	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R21	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R22	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R23	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R24	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R201	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R202	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R203	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R204	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R205	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R206	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R207	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R208	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R209	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R210	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R211	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R212	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R213	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R214	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R215	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R216	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R217	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R218	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R219	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R220	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R221	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R222	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R223	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R224	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R301	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R302	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R303	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R304	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R305	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R306	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R307	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R308	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R309	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R310	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R311	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R312	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R313	1-218-703-11	s	RESISTOR,METAL 3.0K 1/16(1608)
R314	1-218-686-11	s	RESISTOR CHIP 560 1/16W (1608)
R315	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R316	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R317	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R318	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R319	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R320	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R321	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R322	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R323	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K

(CNI-5 BOARD (HKDS-X3014))

Ref. No. or Q'ty	Part No.	SP	Description
R324	1-218-728-11	s	RESISTOR,METAL 33K 1/16W

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CNI-7 BOARD (HKDS-X3011)

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	7-621-770-87	s	SCREW +B2.6X5(EP-FE/CU,NI,CR)
C100	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C101	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C102	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C103	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C104	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C105	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C106	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C107	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C108	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C109	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C110	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C111	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C112	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C113	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C114	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C115	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C116	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C117	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C118	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C119	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C120	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C121	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C122	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C123	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C124	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C125	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C126	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C127	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C128	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C129	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C130	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C131	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C132	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C133	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C134	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C135	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C136	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C137	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C138	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C139	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C140	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C141	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C142	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C143	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C144	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C145	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C146	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C147	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C200	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C201	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C202	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C203	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C204	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C205	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C206	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C207	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C208	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C209	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C210	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C211	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C212	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C213	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C214	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C215	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C216	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C217	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C218	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C219	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C220	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C221	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C222	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C223	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C224	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C225	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C226	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C227	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C228	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C229	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C230	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C231	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C232	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C233	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C234	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C235	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C236	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C237	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C238	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C239	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C240	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C241	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C242	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C243	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C244	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C245	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C246	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C247	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C300	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C301	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C302	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C303	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C304	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C305	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C306	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C307	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C308	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C309	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C310	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C311	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C312	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C313	1-107-686-11	s	CAPACITOR,CHIP ELECT 4.7MF/16V
C314	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C315	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C316	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C317	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C318	1-107-778-11	s	CAPACITOR,ELECT 470MF/16V CHIP

(CNI-7 BOARD (HKDS-X3011))

Ref. No. or Q'ty	Part No.	SP	Description
CN1	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN2	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN3	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN4	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN5	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN6	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN7	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN8	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN9	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN10	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN11	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN12	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN13	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN14	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN15	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN16	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
D100	8-719-988-61	s	DIODE 1SS355TE-17
D101	8-719-988-61	s	DIODE 1SS355TE-17
D102	8-719-988-61	s	DIODE 1SS355TE-17
D103	8-719-988-61	s	DIODE 1SS355TE-17
D104	8-719-988-61	s	DIODE 1SS355TE-17
D105	8-719-988-61	s	DIODE 1SS355TE-17
D106	8-719-988-61	s	DIODE 1SS355TE-17
D107	8-719-988-61	s	DIODE 1SS355TE-17
D200	8-719-988-61	s	DIODE 1SS355TE-17
D201	8-719-988-61	s	DIODE 1SS355TE-17
D202	8-719-988-61	s	DIODE 1SS355TE-17
D203	8-719-988-61	s	DIODE 1SS355TE-17
D204	8-719-988-61	s	DIODE 1SS355TE-17
D205	8-719-988-61	s	DIODE 1SS355TE-17
D206	8-719-988-61	s	DIODE 1SS355TE-17
D207	8-719-988-61	s	DIODE 1SS355TE-17
D301	8-719-987-43	s	LED CL-150PG-CD
D302	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D303	8-719-938-75	s	DIODE SB05-05CP (RECTI)
F301	⚠ 1-576-329-11	s	FUSE CHIP 10A/125V (6125)
IC100	8-759-569-58	s	IC GS9024-CTB
IC101	8-759-569-58	s	IC GS9024-CTB
IC102	8-759-569-58	s	IC GS9024-CTB
IC103	8-759-569-58	s	IC GS9024-CTB
IC104	8-759-569-58	s	IC GS9024-CTB
IC105	8-759-569-58	s	IC GS9024-CTB
IC106	8-759-569-58	s	IC GS9024-CTB
IC107	8-759-569-58	s	IC GS9024-CTB
IC200	8-759-569-58	s	IC GS9024-CTB
IC201	8-759-569-58	s	IC GS9024-CTB
IC202	8-759-569-58	s	IC GS9024-CTB
IC203	8-759-569-58	s	IC GS9024-CTB
IC204	8-759-569-58	s	IC GS9024-CTB
IC205	8-759-569-58	s	IC GS9024-CTB
IC206	8-759-569-58	s	IC GS9024-CTB
IC207	8-759-569-58	s	IC GS9024-CTB
IC301	8-759-937-36	s	IC TL1451ACNS
L1	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L2	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L3	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L4	1-412-915-11	s	INDUCTOR 0.010UH (2520)

(CNI-7 BOARD (HKDS-X3011))

Ref. No. or Q'ty	Part No.	SP	Description
L5	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L6	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L7	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L8	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L9	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L10	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L11	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L12	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L13	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L14	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L15	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L16	1-412-915-11	s	INDUCTOR 0.010UH (2520)
L301	1-409-579-11	s	COIL, CHOKE 8.2UH
L302	1-414-993-21	s	INDUCTOR (POWER) 47UH
L303	1-409-579-11	s	COIL, CHOKE 8.2UH
Q300	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q301	8-729-045-53	s	TRANSISTOR SI4431DY-T1
Q302	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q303	8-729-112-65	s	TRANSISTOR 2SA1462
Q304	8-729-012-35	s	FET 2SK711-BL
R100	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R101	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R102	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R103	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R104	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R105	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R106	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R107	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R108	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R109	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R110	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R111	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R112	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R113	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R114	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R115	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R116	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R117	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R118	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R119	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R120	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R121	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R122	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R123	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R124	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R125	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R126	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R127	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R128	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R129	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R130	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R131	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R132	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R133	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R134	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R135	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R136	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R137	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R138	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)

(CNI-7 BOARD (HKDS-X3011))

Ref. No. or Q'ty	Part No.	SP	Description
R139	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R140	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R141	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R142	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R143	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R144	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R145	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R146	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R147	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R200	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R201	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R202	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R203	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R204	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R205	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R206	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R207	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R208	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R209	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R210	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R211	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R212	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R213	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R214	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R215	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R216	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R217	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R218	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R219	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R220	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R221	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R222	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R223	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R224	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R225	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R226	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R227	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R228	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R229	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R230	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R231	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R232	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R233	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R234	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R235	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R236	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R237	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R238	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R239	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R240	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R241	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R242	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R243	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R244	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R245	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R246	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R247	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R300	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R301	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)

(CNI-7 BOARD (HKDS-X3011))

Ref. No. or Q'ty	Part No.	SP	Description
R302	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R303	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R304	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R305	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R306	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R307	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R308	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R309	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R310	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R311	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R312	1-218-703-11	s	RESISTOR,METAL 3.0K 1/16(1608)
R313	1-218-686-11	s	RESISTOR CHIP 560 1/16W (1608)
R314	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R315	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R316	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R317	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R318	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R319	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R320	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R321	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R322	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R323	1-218-728-11	s	RESISTOR,METAL 33K 1/16W

CNO-5 BOARD (HKDS-X3064)

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	7-621-770-87	s	SCREW +B2.6X5(EP-FE/CU,NI,CR)
C1	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C6	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C7	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C8	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C9	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C10	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C11	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C12	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C13	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C14	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C15	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C16	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C17	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C18	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C19	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C20	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C21	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C22	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C23	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C24	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C25	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C26	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C27	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C28	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C29	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C30	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C31	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C32	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C33	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C34	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C35	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C36	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C37	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C38	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C39	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C40	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C201	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C202	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C203	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C204	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C205	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C206	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C207	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C208	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C209	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C210	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C211	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C212	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C213	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C214	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C215	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C216	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C217	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C218	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C219	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C220	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C221	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C222	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C223	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C224	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C225	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C226	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C227	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C228	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C229	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C230	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C231	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C232	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C233	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C234	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C235	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C236	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C237	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C238	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C239	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C240	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C241	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C242	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C243	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C244	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C245	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C301	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C302	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C303	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C304	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C305	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C306	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C307	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C308	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C309	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C310	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C311	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C312	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C313	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C314	1-107-686-11	s	CAPACITOR,CHIP ELECT 4.7MF/16V
C315	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C316	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C317	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C318	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C319	1-107-778-11	s	CAPACITOR,ELECT 470MF/16V CHIP
CN3	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN4	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN5	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN6	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN7	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN8	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN9	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN10	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN11	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN12	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN13	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)

Ref. No. or Q'ty	Part No.	SP	Description
CN14	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN15	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN16	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN17	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN18	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN19	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
D301	8-719-987-43	s	LED CL-150PG-CD
D302	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D303	8-719-938-75	s	DIODE SB05-05CP (RECTI)
F301 ⚠	1-576-329-11	s	FUSE CHIP 10A/125V (6125)
IC1	8-759-638-48	s	IC GS1508-CTA
IC2	8-759-638-48	s	IC GS1508-CTA
IC3	8-759-638-48	s	IC GS1508-CTA
IC4	8-759-638-48	s	IC GS1508-CTA
IC5	8-759-638-48	s	IC GS1508-CTA
IC6	8-759-638-48	s	IC GS1508-CTA
IC7	8-759-638-48	s	IC GS1508-CTA
IC8	8-759-638-48	s	IC GS1508-CTA
IC9	8-759-638-48	s	IC GS1508-CTA
IC10	8-759-638-48	s	IC GS1508-CTA
IC11	8-759-638-48	s	IC GS1508-CTA
IC12	8-759-638-48	s	IC GS1508-CTA
IC13	8-759-638-48	s	IC GS1508-CTA
IC14	8-759-638-48	s	IC GS1508-CTA
IC15	8-759-638-48	s	IC GS1508-CTA
IC16	8-759-638-48	s	IC GS1508-CTA
IC17	8-759-638-48	s	IC GS1508-CTA
IC301	8-759-937-36	s	IC TL1451ACNS
L1	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L2	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L3	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L4	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L5	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L6	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L7	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L8	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L201	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L202	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L203	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L204	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L205	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L206	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L207	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L208	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L209	1-414-651-11	s	INDUCTOR (SMALL TYPE) 0.005UH
L301	1-409-579-11	s	COIL, CHOKE 8.2UH
L302	1-414-993-21	s	INDUCTOR (POWER) 47UH
L303	1-409-579-11	s	COIL, CHOKE 8.2UH
Q301	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q302	8-729-045-53	s	TRANSISTOR SI4431DY-T1
Q303	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q304	8-729-112-65	s	TRANSISTOR 2SA1462
Q305	8-729-012-35	s	FET 2SK711-BL
R1	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R2	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R3	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R4	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R5	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R6	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R7	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R8	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R9	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R10	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R11	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R12	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R13	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R14	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R15	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R16	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R17	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R18	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R19	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R20	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R21	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R22	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R23	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R24	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R25	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R26	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R27	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R28	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R29	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R30	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R31	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R32	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R33	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R34	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R35	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R36	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R37	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R38	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R39	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R40	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R41	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R42	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R43	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R44	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R45	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R46	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R47	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R48	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R49	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R50	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R51	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R52	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R53	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R54	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R55	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R56	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R57	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R58	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R59	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R60	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R61	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R62	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R63	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)

(CNO-5 BOARD (HKDS-X3064))

Ref. No. or Q'ty	Part No.	SP	Description
R64	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R65	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R66	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R67	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R68	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R69	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R70	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R71	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R72	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R201	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R202	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R203	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R204	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R205	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R206	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R207	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R208	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R209	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R210	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R211	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R212	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R213	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R214	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R215	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R216	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R217	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R218	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R219	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R220	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R221	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R222	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R223	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R224	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R225	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R226	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R227	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R228	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R229	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R230	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R231	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R232	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R233	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R234	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R235	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R236	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R237	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R238	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R239	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R240	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R241	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R242	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R243	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R244	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R245	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R246	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R247	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R248	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R249	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R250	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)

(CNO-5 BOARD (HKDS-X3064))

Ref. No. or Q'ty	Part No.	SP	Description
R251	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R252	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R253	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R254	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R255	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R256	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R257	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R258	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R259	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R260	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R261	1-218-657-11	s	RESISTOR CHIP 36 1/16W (1608)
R262	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R263	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R264	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R265	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R266	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R267	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R268	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R269	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R270	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R271	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R272	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R273	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R274	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R275	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R276	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R277	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R278	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R279	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R280	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R281	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R301	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R302	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R303	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R304	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R305	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R306	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R307	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R308	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R309	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R310	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R311	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R312	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R313	1-218-703-11	s	RESISTOR,METAL 3.0K 1/16(1608)
R314	1-218-686-11	s	RESISTOR CHIP 560 1/16W (1608)
R315	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R316	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R317	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R318	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R319	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R320	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R321	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R322	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R323	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R324	1-218-728-11	s	RESISTOR,METAL 33K 1/16W

CPU-294 BOARD (HDS-X3600/X3700)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-550-104-21	s	HOLDER,BATTERY
1pc	7-685-104-21	s	SCREW,+PTP 2X6(EP-FE/ZN/CM2)
C100	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C101	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C102	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C103	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C104	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C105	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C107	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C108	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C109	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C110	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C111	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C112	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C113	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C114	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C115	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C117	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C118	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C119	1-107-818-11	s	CAPACITOR,DOUBLE LAYERS 1F/5.5
C120	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C121	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C122	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C123	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C124	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C125	1-163-275-11	s	CAPACITOR CERAMIC 1000PF/50V
C126	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C127	1-104-913-11	s	CAPACITOR,CHIP TANTAL 10MF/16V
C200	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C201	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C202	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C203	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C204	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C205	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C206	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C207	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C208	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C209	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C210	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C211	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C212	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C300	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C301	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C302	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C303	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C304	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C305	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C306	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C307	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C308	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C309	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C310	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C311	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C312	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C313	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C314	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C315	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C316	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C317	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C318	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C319	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C320	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C321	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C322	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C323	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C324	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C325	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C326	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C328	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C329	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C330	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C331	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C332	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C333	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C334	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C335	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C336	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C337	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C338	1-163-239-11	s	CAPACITOR,CHIP CERAMIC33PF/50V
C339	1-163-239-11	s	CAPACITOR,CHIP CERAMIC33PF/50V
C340	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C400	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C401	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C402	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C403	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C404	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C405	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C406	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C407	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C408	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C409	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C410	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C411	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C412	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C413	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C414	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C415	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C416	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C417	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C418	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C419	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C420	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C421	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C500	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C504	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C505	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C506	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C507	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C508	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C509	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C510	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C511	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C512	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C513	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C514	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C515	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C516	1-126-390-11	s	CAPACITOR ELECT 22MF/6.3V(105)

Ref. No. or Q'ty	Part No.	SP	Description
C517	1-126-390-11	s	CAPACITOR ELECT 22MF/6.3V(105)
C518	1-126-390-11	s	CAPACITOR ELECT 22MF/6.3V(105)
C519	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C520	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C521	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C522	1-163-133-00	s	CAPACITOR,CHIP CERAMIC 470PF
C523	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C524	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C525	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C526	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C527	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C528	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C529	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C530	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C531	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C532	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C533	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C534	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C535	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C536	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C537	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C538	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C539	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C540	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C541	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C542	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C543	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C544	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C545	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C546	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C601	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C602	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C603	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C604	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C605	1-126-390-11	s	CAPACITOR ELECT 22MF/6.3V(105)
C606	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C607	1-163-227-11	s	CAPACITOR CERAMIC 10PF/50V(CH)
C608	1-163-133-00	s	CAPACITOR,CHIP CERAMIC 470PF
C609	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C610	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C611	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C612	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C613	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C614	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C615	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C616	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C617	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C618	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C619	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C620	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C621	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C622	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C623	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C700	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C701	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C702	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C703	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C704	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C705	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C706	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C707	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C708	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C709	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C710	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C711	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C712	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C713	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C714	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C715	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C716	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C717	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C718	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C719	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C720	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C721	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C722	1-163-263-11	s	CAPACITOR CERAMIC 330PF/50V
C723	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C724	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C725	1-107-686-11	s	CAPACITOR,CHIP ELECT 4.7MF/16V
C726	1-107-686-11	s	CAPACITOR,CHIP ELECT 4.7MF/16V
C727	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C728	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C729	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C730	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C731	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C732	1-165-319-11	s	CAPACITOR,CERAMIC 0.1MF/50V
CN106	1-766-365-11	s	CONNECTOR, BOARD TO BOARD 128P
CN107	1-766-365-11	s	CONNECTOR, BOARD TO BOARD 128P
CN300	1-764-177-11	o	PIN,CONNECTOR (7P)(SMD)(1.5MM)
CN301	1-764-177-11	o	PIN,CONNECTOR (7P)(SMD)(1.5MM)
CN400	1-764-177-11	o	PIN,CONNECTOR (7P)(SMD)(1.5MM)
CN500	1-560-365-00	o	POST HEADER,CONNECTOR (3P)
CN501	1-560-365-00	o	POST HEADER,CONNECTOR (3P)
D100	8-719-800-76	s	DIODE 1SS226
D101	8-719-800-76	s	DIODE 1SS226
D102	8-719-800-76	s	DIODE 1SS226
D103	8-719-105-38	s	DIODE RD3.0M-B1
D300	8-719-987-09	s	LED PG1102W
D301	8-719-987-09	s	LED PG1102W
D302	8-719-987-09	s	LED PG1102W
D303	8-719-987-09	s	LED PG1102W
D304	8-719-987-09	s	LED PG1102W
D305	8-719-987-09	s	LED PG1102W
D401	8-719-800-76	s	DIODE 1SS226
D402	8-719-800-76	s	DIODE 1SS226
D500	8-719-800-76	s	DIODE 1SS226
D501	8-719-800-76	s	DIODE 1SS226
D502	8-719-800-76	s	DIODE 1SS226
D503	8-719-987-09	s	LED PG1102W
D504	8-719-987-09	s	LED PG1102W
D600	8-719-800-76	s	DIODE 1SS226
D601	8-719-987-09	s	LED PG1102W
D602	8-719-987-09	s	LED PG1102W
D700	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D701	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D702	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D703	8-719-938-75	s	DIODE SB05-05CP (RECTI)

(CPU-294 BOARD (HDS-X3600/X3700))

Ref. No. or Q'ty	Part No.	SP	Description
F1	⚠ 1-576-329-11	s	FUSE CHIP 10A/125V (6125)
F2	⚠ 1-576-329-11	s	FUSE CHIP 10A/125V (6125)
FB1	1-469-094-11	s	FERRITE, EMI (SMD)
FB2	1-469-094-11	s	FERRITE, EMI (SMD)
FB3	1-469-094-11	s	FERRITE, EMI (SMD)
FB4	1-469-094-11	s	FERRITE, EMI (SMD)
IC1	8-759-937-36	s	IC TL1451ACNS
IC100	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC101	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC102	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC103	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC104	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC106	8-759-472-18	s	IC 74VHC138MTCX
IC107	8-759-443-28	s	IC 74LVXC4245QSCX
IC108	8-759-443-28	s	IC 74LVXC4245QSCX
IC109	8-759-443-28	s	IC 74LVXC4245QSCX
IC110	8-759-443-28	s	IC 74LVXC4245QSCX
IC111	8-759-580-57	s	IC HM628512BLTT-5SLZ
IC112	8-759-580-57	s	IC HM628512BLTT-5SLZ
IC115	8-759-524-04	s	IC TC74VHC125FT (EL)
IC116	8-759-973-71	s	IC TL7705CPS-B
IC200	8-759-190-79	s	IC UPD72001GC-11-3B6
IC201	8-759-523-79	s	IC TC74VHC02FT
IC202	8-759-491-46	s	IC TC74VHCT04AFT (EL)
IC203	8-759-473-47	s	IC M5M34050FP
IC204	8-759-473-47	s	IC M5M34050FP
IC205	8-759-190-79	s	IC UPD72001GC-11-3B6
IC206	8-759-549-20	s	IC SN74LV541APWR
IC207	8-759-473-47	s	IC M5M34050FP
IC208	8-759-549-15	s	IC SN74LV245APWR
IC209	8-759-549-20	s	IC SN74LV541APWR
IC210	8-759-549-20	s	IC SN74LV541APWR
IC300	8-759-668-21	o	IC 7128STC100-CPU294IC300-V1.1
IC301	8-759-654-68	o	IC 7032SLC-CPU294IC301-V1.00
IC304	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC305	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC306	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC307	8-759-523-81	s	IC TC74VHC08FT(EL)
IC308	8-759-433-92	s	IC TC7W14F-TE12L
IC309	8-759-523-78	s	IC TC74VHC00FT(EL)
IC310	8-752-381-84	s	IC CXD1095BQ
IC311	8-759-491-46	s	IC TC74VHCT04AFT (EL)
IC312	8-759-242-70	s	IC TC7WU04F
IC313	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC314	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC315	8-759-504-23	s	IC RF5C62
IC400	8-759-549-20	s	IC SN74LV541APWR
IC401	8-759-654-69	o	IC 7160STC-CPU294IC401-V1.00
IC402	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC403	8-759-549-20	s	IC SN74LV541APWR
IC404	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC405	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC406	8-759-549-20	s	IC SN74LV541APWR
IC407	8-759-524-04	s	IC TC74VHC125FT (EL)
IC500	8-759-980-44	s	IC TL712CPS
IC501	8-759-980-44	s	IC TL712CPS
IC502	8-759-980-44	s	IC TL712CPS
IC503	8-759-571-39	s	IC BA13002F-E2

(CPU-294 BOARD (HDS-X3600/X3700))

Ref. No. or Q'ty	Part No.	SP	Description
IC504	8-759-458-38	s	IC KL5C80A20CFP
IC505	8-759-675-73	o	IC 29EE512-MAIN-SBUS-V1.1
IC506	8-759-436-44	s	IC IDT71024S20Y-TL
IC507	8-759-471-14	s	IC MAX202ECSE-T
IC508	8-759-335-04	s	IC CY7C136-55JC
IC509	8-759-524-08	s	IC TC74VHC139FT(EL)
IC510	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC511	8-759-523-83	s	IC TC74VHC11FT(EL)
IC512	8-759-523-04	s	IC TC74HC4538AFT
IC513	8-759-523-82	s	IC TC74VHC10FT (EL)
IC514	8-759-523-95	s	IC TC74VHC74FT(EL)
IC515	8-759-988-13	s	IC LM393PS
IC516	8-759-988-13	s	IC LM393PS
IC600	8-759-980-44	s	IC TL712CPS
IC601	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC602	8-759-458-38	s	IC KL5C80A20CFP
IC603	8-759-675-74	o	IC 29EE512-MON-SBUS-V1.00
IC604	8-759-436-44	s	IC IDT71024S20Y-TL
IC605	8-759-335-04	s	IC CY7C136-55JC
IS301	1-540-254-11	o	SOCKET, IC (PLCC)
IS505	1-540-151-21	s	SOCKET, IC
IS603	1-540-151-21	s	SOCKET, IC
L700	1-414-617-11	s	INDUCTOR (POWER) 10UH
L701	1-414-617-11	s	INDUCTOR (POWER) 10UH
L702	1-416-221-11	s	COIL, CHOKE
L703	1-416-221-11	s	COIL, CHOKE
L704	1-414-617-11	s	INDUCTOR (POWER) 10UH
L705	1-414-617-11	s	INDUCTOR (POWER) 10UH
Q100	8-729-113-22	s	TRANSISTOR FA1L4L-L30
Q101	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q102	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q103	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q300	8-729-113-22	s	TRANSISTOR FA1L4L-L30
Q500	8-729-230-60	s	TRANSISTOR 2SA1586-YG
Q501	8-729-230-60	s	TRANSISTOR 2SA1586-YG
Q502	8-729-230-60	s	TRANSISTOR 2SA1586-YG
Q503	8-729-122-63	s	TRANSISTOR 2SA1226-E4
Q504	8-729-122-63	s	TRANSISTOR 2SA1226-E4
Q505	8-729-122-63	s	TRANSISTOR 2SA1226-E4
Q600	8-729-230-60	s	TRANSISTOR 2SA1586-YG
Q601	8-729-122-63	s	TRANSISTOR 2SA1226-E4
Q700	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q701	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q702	8-729-045-53	s	TRANSISTOR SI4431DY-T1
Q703	8-729-045-53	s	TRANSISTOR SI4431DY-T1
Q704	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q705	8-729-112-65	s	TRANSISTOR 2SA1462
Q706	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q707	8-729-112-65	s	TRANSISTOR 2SA1462
Q708	8-729-012-35	s	FET 2SK711-BL
Q709	8-729-012-35	s	FET 2SK711-BL
R101	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R102	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R103	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R104	1-216-659-11	s	RESISTOR,CHIP 2.2K 1/10W(2012)
R105	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R106	1-216-627-11	s	RESISTOR,CHIP 100 1/10W (2012)

Ref. No. or Q'ty	Part No.	SP	Description
R107	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R108	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R109	1-216-659-11	s	RESISTOR,CHIP 2.2K 1/10W(2012)
R110	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R111	1-216-635-11	s	RESISTOR,CHIP 220 1/10W (2012)
R200	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R201	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R203	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R204	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R207	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R208	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R211	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R212	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R213	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R214	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R215	1-216-657-11	s	RESISTOR,CHIP 1.8K 1/10W(2012)
R216	1-216-657-11	s	RESISTOR,CHIP 1.8K 1/10W(2012)
R217	1-216-657-11	s	RESISTOR,CHIP 1.8K 1/10W(2012)
R218	1-216-657-11	s	RESISTOR,CHIP 1.8K 1/10W(2012)
R219	1-216-635-11	s	RESISTOR,CHIP 220 1/10W (2012)
R220	1-216-635-11	s	RESISTOR,CHIP 220 1/10W (2012)
R221	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R222	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R224	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R225	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R226	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R227	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R230	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R231	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R232	1-216-657-11	s	RESISTOR,CHIP 1.8K 1/10W(2012)
R233	1-216-657-11	s	RESISTOR,CHIP 1.8K 1/10W(2012)
R234	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R235	1-216-628-11	s	RESISTOR,CHIP 110 1/10W(2012)
R236	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R237	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R300	1-218-776-11	s	RESISTOR CHIP 1M 1/10W (2012)
R301	1-216-635-11	s	RESISTOR,CHIP 220 1/10W (2012)
R302	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R303	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R304	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R305	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R306	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R307	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R308	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R309	1-218-776-11	s	RESISTOR CHIP 1M 1/10W (2012)
R310	1-218-768-11	s	RESISTOR,CHIP 470K 1/10W(2012)
R311	1-218-768-11	s	RESISTOR,CHIP 470K 1/10W(2012)
R312	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R313	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R314	1-218-768-11	s	RESISTOR,CHIP 470K 1/10W(2012)
R315	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R316	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R317	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R318	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R319	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R320	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R321	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R322	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R323	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R324	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R325	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R326	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R327	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R328	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R332	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R333	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R334	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R335	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R336	1-218-768-11	s	RESISTOR,CHIP 470K 1/10W(2012)
R337	1-218-768-11	s	RESISTOR,CHIP 470K 1/10W(2012)
R338	1-218-768-11	s	RESISTOR,CHIP 470K 1/10W(2012)
R339	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R340	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R341	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R342	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R343	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R344	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R345	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R346	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R347	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R348	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R349	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R350	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R351	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R400	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R401	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R402	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R403	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R404	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R405	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R406	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R407	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R408	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R409	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R410	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R411	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R500	1-216-624-11	s	RESISTOR,CHIP 75 1/10W (2012)
R501	1-216-624-11	s	RESISTOR,CHIP 75 1/10W (2012)
R502	1-216-624-11	s	RESISTOR,CHIP 75 1/10W (2012)
R506	1-216-669-11	s	RESISTOR,CHIP 5.6K 1/10W(2012)
R507	1-216-624-11	s	RESISTOR,CHIP 75 1/10W(2012)
R508	1-216-669-11	s	RESISTOR,CHIP 5.6K 1/10W(2012)
R509	1-216-624-11	s	RESISTOR,CHIP 75 1/10W(2012)
R510	1-216-669-11	s	RESISTOR,CHIP 5.6K 1/10W(2012)
R511	1-216-624-11	s	RESISTOR,CHIP 75 1/10W(2012)
R512	1-216-655-11	s	RESISTOR,CHIP 1.5K 1/10W(2012)
R513	1-216-655-11	s	RESISTOR,CHIP 1.5K 1/10W(2012)
R514	1-216-655-11	s	RESISTOR,CHIP 1.5K 1/10W(2012)
R515	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R516	1-216-683-11	s	RESISTOR,CHIP 22K 1/10W (2012)
R517	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R518	1-216-683-11	s	RESISTOR,CHIP 22K 1/10W (2012)
R519	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R520	1-216-683-11	s	RESISTOR,CHIP 22K 1/10W (2012)
R521	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R522	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R523	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R524	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R525	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R526	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R527	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R528	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R529	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R530	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R531	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R532	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R533	1-216-681-11	s	RESISTOR,CHIP 18K 1/10W (2012)
R534	1-216-681-11	s	RESISTOR,CHIP 18K 1/10W (2012)
R535	1-216-681-11	s	RESISTOR,CHIP 18K 1/10W (2012)
R536	1-216-679-11	s	RESISTOR,CHIP 15K 1/10W (2012)
R537	1-216-679-11	s	RESISTOR,CHIP 15K 1/10W (2012)
R538	1-216-679-11	s	RESISTOR,CHIP 15K 1/10W (2012)
R539	1-218-756-11	s	RESISTOR,CHIP 150K 1/10W(2012)
R540	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R541	1-216-653-11	s	RESISTOR,CHIP 1.2K 1/10W(2012)
R542	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R543	1-216-653-11	s	RESISTOR,CHIP 1.2K 1/10W(2012)
R544	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R545	1-216-653-11	s	RESISTOR,CHIP 1.2K 1/10W(2012)
R546	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R547	1-218-776-11	s	RESISTOR CHIP 1M 1/10W (2012)
R548	1-216-627-11	s	RESISTOR,CHIP 100 1/10W (2012)
R549	1-216-687-11	s	RESISTOR CHIP 33K 1/10W (2012)
R550	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R553	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R554	1-216-653-11	s	RESISTOR,CHIP 1.2K 1/10W(2012)
R555	1-218-756-11	s	RESISTOR,CHIP 150K 1/10W(2012)
R556	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R557	1-216-653-11	s	RESISTOR,CHIP 1.2K 1/10W(2012)
R558	1-216-653-11	s	RESISTOR,CHIP 1.2K 1/10W(2012)
R559	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R560	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R561	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R562	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R563	1-216-683-11	s	RESISTOR,CHIP 22K 1/10W (2012)
R564	1-216-635-11	s	RESISTOR,CHIP 220 1/10W (2012)
R565	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R566	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R567	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R600	1-216-624-11	s	RESISTOR,CHIP 75 1/10W (2012)
R602	1-216-669-11	s	RESISTOR,CHIP 5.6K 1/10W(2012)
R603	1-216-624-11	s	RESISTOR,CHIP 75 1/10W(2012)
R604	1-216-655-11	s	RESISTOR,CHIP 1.5K 1/10W(2012)
R605	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R606	1-216-683-11	s	RESISTOR,CHIP 22K 1/10W (2012)
R607	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R608	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R609	1-216-699-11	s	RESISTOR,CHIP 100K 1/10W(2012)
R610	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R611	1-216-681-11	s	RESISTOR,CHIP 18K 1/10W (2012)
R612	1-218-756-11	s	RESISTOR,CHIP 150K 1/10W(2012)
R613	1-216-679-11	s	RESISTOR,CHIP 15K 1/10W (2012)
R614	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R615	1-216-653-11	s	RESISTOR,CHIP 1.2K 1/10W(2012)
R616	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R617	1-218-776-11	s	RESISTOR CHIP 1M 1/10W (2012)
R618	1-216-627-11	s	RESISTOR,CHIP 100 1/10W (2012)
R619	1-216-687-11	s	RESISTOR CHIP 33K 1/10W (2012)
R620	1-216-691-11	s	RESISTOR,CHIP 47K 1/10W(2012)
R625	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R626	1-218-756-11	s	RESISTOR,CHIP 150K 1/10W(2012)
R627	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R628	1-216-653-11	s	RESISTOR,CHIP 1.2K 1/10W(2012)
R629	1-216-653-11	s	RESISTOR,CHIP 1.2K 1/10W(2012)
R630	1-216-653-11	s	RESISTOR,CHIP 1.2K 1/10W(2012)
R632	1-216-683-11	s	RESISTOR,CHIP 22K 1/10W (2012)
R633	1-216-635-11	s	RESISTOR,CHIP 220 1/10W (2012)
R634	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R700	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R701	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R702	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R703	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R704	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R705	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R706	1-216-619-11	s	RESISTOR CHIP 47 1/10W(2012)
R707	1-216-627-11	s	RESISTOR,CHIP 100 1/10W (2012)
R708	1-216-619-11	s	RESISTOR CHIP 47 1/10W(2012)
R709	1-216-627-11	s	RESISTOR,CHIP 100 1/10W (2012)
R710	1-216-679-11	s	RESISTOR,CHIP 15K 1/10W (2012)
R711	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R712	1-216-679-11	s	RESISTOR,CHIP 15K 1/10W (2012)
R713	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R714	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R715	1-216-662-11	s	RESISTOR,CHIP 3K 1/10W (2012)
R716	1-216-644-11	s	RESISTOR,CHIP 510 1/10W (2012)
R717	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R718	1-216-669-11	s	RESISTOR,CHIP 5.6K 1/10W(2012)
R719	1-216-647-11	s	RESISTOR,CHIP 680 1/10W (2012)
R720	1-216-623-11	s	RESISTOR,CHIP 68 1/10W(2012)
R721	1-216-623-11	s	RESISTOR,CHIP 68 1/10W(2012)
R722	1-216-689-11	s	RESISTOR,CHIP 39K 1/10W(2012)
R723	1-216-689-11	s	RESISTOR,CHIP 39K 1/10W(2012)
R724	1-216-689-11	s	RESISTOR,CHIP 39K 1/10W(2012)
R725	1-216-689-11	s	RESISTOR,CHIP 39K 1/10W(2012)
R726	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R727	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R728	1-218-760-11	s	RESISTOR,CHIP 220K 1/10W(2012)
R729	1-218-760-11	s	RESISTOR,CHIP 220K 1/10W(2012)
R730	1-216-635-11	s	RESISTOR,CHIP 220 1/10W (2012)
R731	1-216-683-11	s	RESISTOR,CHIP 22K 1/10W (2012)
R732	1-216-635-11	s	RESISTOR,CHIP 220 1/10W (2012)
R733	1-216-689-11	s	RESISTOR,CHIP 39K 1/10W(2012)
R734	1-216-689-11	s	RESISTOR,CHIP 39K 1/10W(2012)
R735	1-216-687-11	s	RESISTOR CHIP 33K 1/10W (2012)
R736	1-216-687-11	s	RESISTOR CHIP 33K 1/10W (2012)
R737	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R738	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
RB200	1-233-936-11	s	RESISTOR,NETWORK 10 (1608)
RB201	1-233-936-11	s	RESISTOR,NETWORK 10 (1608)
RB202	1-233-936-11	s	RESISTOR,NETWORK 10 (1608)
RB203	1-233-936-11	s	RESISTOR,NETWORK 10 (1608)
RB204	1-233-936-11	s	RESISTOR,NETWORK 10 (1608)
RB205	1-233-936-11	s	RESISTOR,NETWORK 10 (1608)
RB206	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB207	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB301	1-239-308-11	s	RESISTOR ARRAY,CHIP 47K

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Ref. No. or Q'ty	Part No.	SP	Description
RB302	1-233-236-11	s	RESISTOR, CHIP NETWORK 47K
RB400	1-233-936-11	s	RESISTOR,NETWORK 10 (1608)
RB401	1-233-936-11	s	RESISTOR,NETWORK 10 (1608)
RB402	1-233-936-11	s	RESISTOR,NETWORK 10 (1608)
RB403	1-233-936-11	s	RESISTOR,NETWORK 10 (1608)
RB500	1-233-236-11	s	RESISTOR, CHIP NETWORK 47K
RB501	1-233-236-11	s	RESISTOR, CHIP NETWORK 47K
RB502	1-233-236-11	s	RESISTOR, CHIP NETWORK 47K
RB503	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB600	1-233-236-11	s	RESISTOR, CHIP NETWORK 47K
RB601	1-233-236-11	s	RESISTOR, CHIP NETWORK 47K
RB602	1-233-236-11	s	RESISTOR, CHIP NETWORK 47K
RB603	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB604	1-233-236-11	s	RESISTOR, CHIP NETWORK 47K
RB605	1-233-236-11	s	RESISTOR, CHIP NETWORK 47K
RY401	1-515-716-11	s	RELAY
RY402	1-515-716-11	s	RELAY
S1	1-572-438-11	s	SWITCH, TACTIL
S2	1-572-438-11	s	SWITCH, TACTIL
S3	1-570-598-11	s	SWITCH,DIP (4P)
X300	1-579-929-11	s	VIBRATOR, CERAMIC (9.83MHZ)
X301	1-567-098-41	s	VIBRATOR,CRYSTAL (32.768MHZ)
X500	1-760-273-11	s	VIBRATOR, CRYSTAL
X600	1-760-273-11	s	VIBRATOR, CRYSTAL

CPU-317 BOARD (HDS-X3400/X3600/X3700)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	7-685-104-21	s	SCREW,+PTP 2X6(EP-FE/ZN/CM2)
1pc	7-626-300-54	s	SPRING PIN 3X6
1pc	1-767-156-11	s	OSCILLATOR,CRYSTAL(IN BATTERY)
C1	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C2	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C3	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C4	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C5	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C6	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C7	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C8	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C9	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C10	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C11	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C12	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C13	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C14	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C15	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C16	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C17	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C18	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C19	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C20	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C21	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C22	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C23	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C24	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C25	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C26	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C27	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C28	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C29	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C30	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C31	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C32	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C33	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C34	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C35	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C36	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C37	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C38	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C39	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C40	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C41	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C42	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C43	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C44	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C45	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C46	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C47	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C48	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C49	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C50	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C51	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C52	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C53	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C54	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C55	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V

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Ref. No. or Q'ty	Part No.	SP	Description
C56	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C57	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C58	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C59	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C60	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C61	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C62	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C63	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C64	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C65	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C66	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C67	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C68	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C69	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C70	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C71	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C72	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C73	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C76	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C77	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C78	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C79	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C81	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C82	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C83	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C84	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C85	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C86	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C87	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C88	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C89	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C90	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C91	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C92	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C93	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C94	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C95	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C96	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C97	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C98	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C99	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C100	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C101	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C102	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C103	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C104	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C105	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C106	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C107	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C108	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C109	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C110	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C111	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C112	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C113	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C114	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C115	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C116	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C117	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V

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Ref. No. or Q'ty	Part No.	SP	Description
C118	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C119	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C120	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C121	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C122	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C123	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C124	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C125	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C127	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C128	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C129	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C130	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C131	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C132	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C133	1-163-037-11	s	CAPACITOR,CHIP CERAMIC 0.022MF
C134	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C135	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C136	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C137	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C138	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C139	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C140	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C141	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C142	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C143	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C144	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C145	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C146	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C147	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C148	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C149	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C150	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C151	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C152	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C153	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C154	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C155	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C156	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C157	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C158	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C159	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C160	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C161	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C162	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C163	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C164	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C165	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C166	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C167	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C168	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C169	1-126-392-11	s	CAPACITOR,CHIP ELECT100MF/6.3V
C170	1-126-392-11	s	CAPACITOR,CHIP ELECT100MF/6.3V
C171	1-126-392-11	s	CAPACITOR,CHIP ELECT100MF/6.3V
C172	1-126-392-11	s	CAPACITOR,CHIP ELECT100MF/6.3V
C173	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C174	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C175	1-126-392-11	s	CAPACITOR,CHIP ELECT100MF/6.3V
C176	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C177	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V

(CPU-317 BOARD (HDS-X3400/X3600/X3700))

Ref. No. or Q'ty	Part No.	SP	Description
C178	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C179	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C180	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C181	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C182	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C183	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C185	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C186	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C187	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C188	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C189	1-163-113-00	s	CAPACITOR,CHIP CERAMIC 68PF/50
C190	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C191	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C192	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C193	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C194	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C195	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C196	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C197	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C198	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C199	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C200	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C201	1-126-396-11	s	CAPACITOR,ELECT 47MF/16V(CHIP)
C202	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C203	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C204	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C205	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C206	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C207	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C208	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C209	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C210	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C211	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C212	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C213	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C214	1-164-505-11	s	CAPACITOR,CHIP CERAMIC 2.2MF
C215	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C216	1-104-608-11	s	CAPACITOR, ELECT 33MF/6.3V
C217	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C218	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C219	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C220	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C221	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C222	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C223	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C224	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C225	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C226	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C227	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C228	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C229	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C230	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C231	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C232	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C233	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C234	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C235	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C236	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C237	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V

(CPU-317 BOARD (HDS-X3400/X3600/X3700))

Ref. No. or Q'ty	Part No.	SP	Description
C238	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C239	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C240	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C241	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C242	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C243	1-163-251-11	s	CAPACITOR CERAMIC 100PF/50V
C244	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C245	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C246	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C247	1-104-608-11	s	CAPACITOR, ELECT 33MF/6.3V
C248	1-113-925-11	s	CAPACITOR,CERAMIC 10000PF/250V
C249	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C251	1-163-113-00	s	CAPACITOR,CHIP CERAMIC 68PF/50
C252	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C253	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C256	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C257	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C258	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C259	1-104-608-11	s	CAPACITOR, ELECT 33MF/6.3V
C260	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C261	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C262	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C263	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C264	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C265	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
C266	1-163-038-91	s	CAPACITOR, CERAMIC 0.1MF/25V
CN1	1-695-838-11	s	CONNECTOR, BOARD TO BOARD 128P
CN2	1-695-838-11	s	CONNECTOR, BOARD TO BOARD 128P
CN9	1-560-365-00	o	POST HEADER,CONNECTOR (3P)
COP1	1-785-586-11	s	PIN, CONNECTOR 10P
COP2	1-785-586-11	s	PIN, CONNECTOR 10P
COP3	1-566-388-11	s	PIN,CONNECTOR 8P
D1	8-719-987-09	s	LED PG1102W
D2	8-719-987-09	s	LED PG1102W
D3	8-719-987-09	s	LED PG1102W
D4	8-719-987-09	s	LED PG1102W
D5	8-719-987-09	s	LED PG1102W
D6	8-719-987-09	s	LED PG1102W
D7	8-719-987-09	s	LED PG1102W
D8	8-719-987-09	s	LED PG1102W
D9	8-719-987-09	s	LED PG1102W
D10	8-719-987-09	s	LED PG1102W
D11	8-719-987-09	s	LED PG1102W
D12	8-719-987-09	s	LED PG1102W
D13	8-719-951-19	s	DIODE VR1101W-TR
D14	8-719-975-84	s	LED AY1101W
D15	8-719-975-84	s	LED AY1101W
D16	8-719-975-84	s	LED AY1101W
D18	8-719-987-09	s	LED PG1102W
D19	8-719-987-09	s	LED PG1102W
D20	8-719-987-09	s	LED PG1102W
D21	8-719-987-09	s	LED PG1102W
D22	8-719-987-09	s	LED PG1102W
D26	8-719-800-76	s	DIODE 1SS226
D27	8-719-975-84	s	LED AY1101W
D100	8-719-987-28	s	LED ARRAY LA301MB
D101	8-719-987-28	s	LED ARRAY LA301MB

Ref. No. or Q'ty	Part No.	SP	Description
FB1	1-500-425-11	s	BEAD, FERRITE
FB2	1-500-425-11	s	BEAD, FERRITE
FB3	1-500-425-11	s	BEAD, FERRITE
FB4	1-500-425-11	s	BEAD, FERRITE
IC1	8-759-568-38	s	IC ND5000LBG-66
IC2	8-759-638-17	s	IC IDT79RV4700-133DP
IC3	8-759-593-25	o	IC EPM7128-DEVC264V2
IC5	8-759-568-46	s	IC 93LC46BT/SN
IC6	8-759-389-47	s	IC 74LCX16373MTDX
IC7	8-759-389-47	s	IC 74LCX16373MTDX
IC8	8-759-389-46	s	IC 74LCX16245MTDX
IC9	8-759-440-81	s	IC IDT74FCT3807APY-TL
IC10	8-759-524-06	s	IC TC74VHC132FT (EL)
IC11	8-759-389-46	s	IC 74LCX16245MTDX
IC12	8-759-523-95	s	IC TC74VHC74FT(EL)
IC13	8-759-389-45	s	IC 74LCX16244MTDX
IC14	8-759-389-45	s	IC 74LCX16244MTDX
IC15	8-759-491-45	s	IC TC74VHCT00AFT(EL)
IC16	8-759-535-26	s	IC DEC21143-TD
IC17	8-759-642-41	s	IC KM416V4104CS-L6
IC18	8-759-642-41	s	IC KM416V4104CS-L6
IC19	8-759-642-41	s	IC KM416V4104CS-L6
IC20	8-759-642-41	s	IC KM416V4104CS-L6
IC21	8-759-642-41	s	IC KM416V4104CS-L6
IC22	8-759-642-41	s	IC KM416V4104CS-L6
IC23	8-759-642-41	s	IC KM416V4104CS-L6
IC24	8-759-642-41	s	IC KM416V4104CS-L6
IC25	8-759-440-81	s	IC IDT74FCT3807APY-TL
IC26	8-759-568-47	s	IC MX29F1610TC-12C3
IC27	8-759-568-47	s	IC MX29F1610TC-12C3
IC28	8-759-360-99	s	IC LT1134ACSW
IC29	8-759-523-84	s	IC TC74VHC14FT (EL)
IC30	8-759-524-04	s	IC TC74VHC125FT (EL)
IC32	8-759-389-45	s	IC 74LCX16244MTDX
IC33	8-759-389-46	s	IC 74LCX16245MTDX
IC34	8-759-389-45	s	IC 74LCX16244MTDX
IC35	8-759-389-46	s	IC 74LCX16245MTDX
IC37	8-759-675-75	o	IC 29F040-CPU317BOOT-V1.00
IC38	8-759-593-26	o	IC MBM29F-BTEST264V1.00
IC39	8-759-389-33	s	IC 74LCX244MTCX
IC40	8-759-437-39	s	IC MB3771PF-ER
IC41 ⚠	8-759-568-42	s	IC M48T35Y-70MH1TR
IC42	8-759-437-39	s	IC MB3771PF-ER
IC43	8-759-389-45	s	IC 74LCX16244MTDX
IC44	8-759-524-04	s	IC TC74VHC125FT (EL)
IC47	8-759-523-79	s	IC TC74VHC02FT
IC49	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC50	8-759-654-89	o	IC 7192SQC-CPU317IC50-V1.00
IC57	8-759-389-45	s	IC 74LCX16244MTDX
IC58	8-759-389-45	s	IC 74LCX16244MTDX
IC400	8-759-638-90	s	IC ICS1892Y
IS37	1-540-151-21	s	SOCKET, IC
IS38	1-540-151-21	s	SOCKET, IC
R1	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R2	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R3	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R4	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R5	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)

Ref. No. or Q'ty	Part No.	SP	Description
R6	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R7	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R8	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R9	1-216-611-11	s	RESISTOR,CHIP 22 1/10W (2012)
R10	1-216-611-11	s	RESISTOR,CHIP 22 1/10W (2012)
R11	1-216-611-11	s	RESISTOR,CHIP 22 1/10W (2012)
R12	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R13	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R14	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R15	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R16	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R17	1-216-627-11	s	RESISTOR,CHIP 100 1/10W (2012)
R18	1-216-660-11	s	RESISTOR,CHIP 2.4K 1/10W(2012)
R19	1-216-671-11	s	RESISTOR,CHIP 6.8K 1/10W(2012)
R20	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R21	1-216-641-11	s	RESISTOR,CHIP 390 1/10W(2012)
R22	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R23	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R24	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R25	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R26	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R27	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R28	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R29	1-216-611-11	s	RESISTOR,CHIP 22 1/10W (2012)
R30	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R31	1-216-624-11	s	RESISTOR,CHIP 75 1/10W(2012)
R32	1-216-611-11	s	RESISTOR,CHIP 22 1/10W (2012)
R33	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R34	1-216-611-11	s	RESISTOR,CHIP 22 1/10W (2012)
R35	1-216-611-11	s	RESISTOR,CHIP 22 1/10W (2012)
R36	1-216-615-11	s	RESISTOR,CHIP 33 1/10W(2012)
R37	1-216-624-11	s	RESISTOR,CHIP 75 1/10W(2012)
R38	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R39	1-216-611-11	s	RESISTOR,CHIP 22 1/10W (2012)
R40	1-216-685-11	s	RESISTOR,CHIP 27K 1/10W(2012)
R41	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R42	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R43	1-216-627-11	s	RESISTOR,CHIP 100 1/10W (2012)
R44	1-216-627-11	s	RESISTOR,CHIP 100 1/10W (2012)
R45	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R46	1-216-660-11	s	RESISTOR,CHIP 2.4K 1/10W(2012)
R47	1-216-619-11	s	RESISTOR CHIP 47 1/10W(2012)
R48	1-216-619-11	s	RESISTOR CHIP 47 1/10W(2012)
R49	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R50	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R51	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R52	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R53	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R54	1-216-627-11	s	RESISTOR,CHIP 100 1/10W (2012)
R55	1-218-758-11	s	RESISTOR,CHIP 180K 1/10W(2012)
R56	1-216-659-11	s	RESISTOR,CHIP 2.2K 1/10W(2012)
R57	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R58	1-216-627-11	s	RESISTOR,CHIP 100 1/10W (2012)
R59	1-216-627-11	s	RESISTOR,CHIP 100 1/10W (2012)
R60	1-216-627-11	s	RESISTOR,CHIP 100 1/10W (2012)
R61	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R62	1-216-685-11	s	RESISTOR,CHIP 27K 1/10W(2012)
R63	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R64	1-216-671-11	s	RESISTOR,CHIP 6.8K 1/10W(2012)

(CPU-317 BOARD (HDS-X3400/X3600/X3700))

Ref. No. or Q'ty	Part No.	SP	Description
R65	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R66	1-216-637-11	s	RESISTOR,CHIP 270 1/10W (2012)
R67	1-216-637-11	s	RESISTOR,CHIP 270 1/10W (2012)
R68	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R69	1-216-619-11	s	RESISTOR CHIP 47 1/10W(2012)
R70	1-216-619-11	s	RESISTOR CHIP 47 1/10W(2012)
R71	1-216-619-11	s	RESISTOR CHIP 47 1/10W(2012)
R72	1-216-619-11	s	RESISTOR CHIP 47 1/10W(2012)
R73	1-216-619-11	s	RESISTOR CHIP 47 1/10W(2012)
R74	1-216-619-11	s	RESISTOR CHIP 47 1/10W(2012)
R75	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R79	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R80	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R81	1-216-675-11	s	RESISTOR,CHIP 10K 1/10W(2012)
R82	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R83	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R95	1-216-631-11	s	RESISTOR,CHIP 150 1/10W (2012)
R99	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R100	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R101	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R102	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R103	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R104	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R105	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R106	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R107	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R108	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R109	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R110	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R111	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R112	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R113	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R114	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R115	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R116	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R117	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R118	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R119	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R120	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R121	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R122	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R123	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R124	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R125	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R126	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R127	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R128	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R129	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R130	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R132	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R133	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R134	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R135	1-216-611-11	s	RESISTOR,CHIP 22 1/10W (2012)
R140	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R141	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R142	1-216-603-11	s	RESISTOR,CHIP 10 1/10W(2012)
R143	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R144	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
R150	1-216-627-11	s	RESISTOR,CHIP 100 1/10W (2012)

(CPU-317 BOARD (HDS-X3400/X3600/X3700))

Ref. No. or Q'ty	Part No.	SP	Description
R160	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R161	1-216-647-11	s	RESISTOR,CHIP 680 1/10W (2012)
R163	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R164	1-216-651-11	s	RESISTOR,CHIP 1K 1/10W(2012)
R165	1-216-661-11	s	RESISTOR,CHIP 2.7K 1/10W(2012)
RB1	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB2	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB3	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB4	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB5	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB6	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB7	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB8	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB9	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB10	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB11	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB12	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB13	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB14	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB15	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB16	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB17	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB18	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB19	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB20	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB21	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB22	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB23	1-233-448-11	s	RESISTOR, CHIP NETWORK 22
RB24	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB25	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB26	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB27	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB28	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB29	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB30	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB31	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB32	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB33	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB34	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB35	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB36	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB37	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB38	1-233-448-11	s	RESISTOR, CHIP NETWORK 22
RB39	1-239-999-11	s	RESISTOR, CHIP NETWORK 1.0K
RB40	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB41	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB42	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB43	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB44	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB45	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB46	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB47	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB48	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB49	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB50	1-233-448-11	s	RESISTOR, CHIP NETWORK 22
RB51	1-233-448-11	s	RESISTOR, CHIP NETWORK 22
RB52	1-233-448-11	s	RESISTOR, CHIP NETWORK 22
RB53	1-233-448-11	s	RESISTOR, CHIP NETWORK 22
RB54	1-233-448-11	s	RESISTOR, CHIP NETWORK 22

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Ref. No. or Q'ty	Part No.	SP	Description
RB55	1-233-448-11	s	RESISTOR, CHIP NETWORK 22
RB56	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB57	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB58	1-239-999-11	s	RESISTOR, CHIP NETWORK 1.0K
RB59	1-239-999-11	s	RESISTOR, CHIP NETWORK 1.0K
RB60	1-233-448-11	s	RESISTOR, CHIP NETWORK 22
RB61	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB62	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB63	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB64	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB65	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB66	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB67	1-233-448-11	s	RESISTOR, CHIP NETWORK 22
RB68	1-234-180-11	s	RESISTOR, CHIP NETWORK 150
RB69	1-234-180-11	s	RESISTOR, CHIP NETWORK 150
RB70	1-234-033-11	s	RESISTOR,CHIP NETWORK 330
RB71	1-234-033-11	s	RESISTOR,CHIP NETWORK 330
RB72	1-234-033-11	s	RESISTOR,CHIP NETWORK 330
RB73	1-234-033-11	s	RESISTOR,CHIP NETWORK 330
RB74	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB75	1-233-448-11	s	RESISTOR, CHIP NETWORK 22
RB76	1-233-448-11	s	RESISTOR, CHIP NETWORK 22
RB77	1-233-448-11	s	RESISTOR, CHIP NETWORK 22
RB78	1-233-448-11	s	RESISTOR, CHIP NETWORK 22
RB80	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB81	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB82	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB83	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB84	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB85	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB86	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB87	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB88	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB89	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB90	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB91	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB92	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB93	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB94	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB95	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB101	1-234-179-11	s	RESISTOR, CHIP NETWORK 10
RB102	1-234-179-11	s	RESISTOR, CHIP NETWORK 10
RB103	1-234-179-11	s	RESISTOR, CHIP NETWORK 10
RB104	1-234-179-11	s	RESISTOR, CHIP NETWORK 10
RB105	1-234-179-11	s	RESISTOR, CHIP NETWORK 10
RB106	1-234-179-11	s	RESISTOR, CHIP NETWORK 10
RB107	1-234-179-11	s	RESISTOR, CHIP NETWORK 10
RB108	1-234-179-11	s	RESISTOR, CHIP NETWORK 10
RB109	1-234-179-11	s	RESISTOR, CHIP NETWORK 10
RB110	1-234-179-11	s	RESISTOR, CHIP NETWORK 10
RB111	1-234-179-11	s	RESISTOR, CHIP NETWORK 10
RB112	1-234-179-11	s	RESISTOR, CHIP NETWORK 10
RB113	1-234-179-11	s	RESISTOR, CHIP NETWORK 10
RB114	1-234-179-11	s	RESISTOR, CHIP NETWORK 10
RB119	1-233-448-11	s	RESISTOR, CHIP NETWORK 22
RB120	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB121	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB122	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB123	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K

(CPU-317 BOARD (HDS-X3400/X3600/X3700))

Ref. No. or Q'ty	Part No.	SP	Description
RB124	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB125	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB126	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB127	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB128	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB129	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB130	1-233-234-11	s	RESISTOR, CHIP NETWORK 2.2K
RB131	1-234-179-11	s	RESISTOR, CHIP NETWORK 10
RB132	1-233-448-11	s	RESISTOR, CHIP NETWORK 22
RB133	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
RB134	1-233-235-11	s	RESISTOR, CHIP NETWORK 10K
S1	1-571-967-11	s	SWITCH,DIP(PIANO TYPE)
S2	1-571-967-11	s	SWITCH,DIP(PIANO TYPE)
S3	1-572-438-11	s	SWITCH, TACTIL
S4	1-572-438-11	s	SWITCH, TACTIL
S5	1-762-994-11	s	SWITCH, ROTARY
T1	1-429-485-11	s	TRANSFORMER, LINE
X1	1-781-226-21	s	OSCILLATOR, CRYSTAL
X2	1-760-349-21	s	OSCILLATOR, CRYSTAL
X3	1-781-227-11	s	OSCILLATOR, CRYSTAL
X5	1-760-969-21	s	OSCILLATOR, CRYSTAL

HN-269 BOARD (HDS-X3600)

Ref. No. or Q’ty	Part No.	SP	Description
1pc	A-8323-960-A	o	MOUNTED CIRCUIT BOARD, HN-269
C1	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C2	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C3	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C4	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C5	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C6	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C7	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
C8	1-164-346-11	s	CAPACITOR CHIP CERAMIC 1MF/16V
IC1	8-759-711-58	s	IC NJM78L05UA
IC2	8-759-521-07	s	IC MAX238CWG
PS1	⚠ 1-533-282-21	s	CIRCUIT PROTECTOR 2A (3225)
R1	1-218-620-11	s	RESISTOR,CHIP 33/1W (6331)

HN-270 BOARD (HDS-X3700)

Ref. No. or Q’ty	Part No.	SP	Description
1pc	A-8323-954-A	o	MOUNTED CIRCUIT BOARD, HN-270
CN1	1-560-365-00	o	POST HEADER,CONNECTOR (3P)
CN2	1-560-365-00	o	POST HEADER,CONNECTOR (3P)
CN3	1-560-365-00	o	POST HEADER,CONNECTOR (3P)

HN-271 BOARD (HDS-X3400)

Ref. No. or Q’ty	Part No.	SP	Description
1pc	A-8323-965-A	o	MOUNTED CIRCUIT BOARD, HN-271
CN1	1-560-357-11	o	CONNECTOR POST HEADER,ILG (3P)

HN-273 BOARD (HDS-X3700)

Ref. No. or Q’ty	Part No.	SP	Description
1pc	A-8323-955-A	o	MOUNTED CIRCUIT BOARD, HN-273
CN1	1-560-357-11	o	CONNECTOR POST HEADER,ILG (3P)
CN2	1-560-357-11	o	CONNECTOR POST HEADER,ILG (3P)
CN3	1-560-357-11	o	CONNECTOR POST HEADER,ILG (3P)

HN-276 BOARD (HDS-X3600)

Ref. No. or Q’ty	Part No.	SP	Description
2pcs	1-676-352-12	o	PRINTED WIRING BOARD, HN-276
CN1	1-764-886-12	o	PIN, CONNECTOR (PC BOARD) 8P
CN2	1-560-357-11	o	CONNECTOR POST HEADER,ILG (3P)

IPM-95 BOARD (HKDS-X3010)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	4-886-821-11	s	SCREW,M3X6 CASE (SILVER)
1pc	7-626-300-54	s	SPRING PIN 3X6
C1	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C6	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C7	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C8	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C9	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C10	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C11	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C12	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C13	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C14	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C15	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C16	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C17	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C18	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C19	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C20	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C21	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C22	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C23	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C24	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C25	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C26	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C27	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C28	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C29	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C30	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C31	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C32	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C33	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C34	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C35	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C36	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C37	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C38	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C39	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C40	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C41	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C42	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C43	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C44	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C45	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C46	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C47	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C48	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C49	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C50	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C51	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C52	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C53	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C54	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C55	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C56	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C57	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C58	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C59	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C60	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C61	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C62	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C63	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C64	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C65	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C66	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C67	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C68	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C69	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C70	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C71	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C72	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C201	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C202	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C203	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C204	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C205	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C206	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C207	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C208	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C209	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C210	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C211	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C212	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C221	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C222	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C223	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C224	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C225	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C226	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C227	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C228	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C229	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C230	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C231	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C232	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C233	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C234	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C235	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C236	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C237	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C238	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C239	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C240	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C241	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C242	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C243	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C244	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C245	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C246	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C247	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C248	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C249	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C250	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C251	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH

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Ref. No. or Q'ty	Part No.	SP	Description
C252	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C253	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C254	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C255	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C256	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C265	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C266	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C267	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C268	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C269	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C270	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C271	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C272	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C273	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C274	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C275	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C276	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C277	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C278	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C279	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C280	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C281	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C282	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C283	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C284	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C285	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C286	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C287	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C288	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C289	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C401	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C402	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C403	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C404	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C405	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C406	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C407	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C408	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C409	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C410	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C411	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C412	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C421	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C422	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C423	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C424	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C425	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C426	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C427	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C428	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C429	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C430	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C431	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C432	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C433	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C434	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C435	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C436	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C437	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH

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Ref. No. or Q'ty	Part No.	SP	Description
C438	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C439	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C440	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C441	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C442	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C443	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C444	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C445	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C446	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C447	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C448	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C449	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C450	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C451	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C452	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C453	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C454	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C455	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C456	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C465	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C466	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C467	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C468	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C469	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C470	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C471	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C472	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C473	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C474	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C475	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C476	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C477	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C478	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C479	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C480	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C481	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C482	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C483	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C484	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C485	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C486	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C487	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C488	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C601	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C602	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C603	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C604	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C605	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C606	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C607	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C608	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C609	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C610	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C611	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C612	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C621	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C622	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C623	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C624	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP	Description
C625	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C626	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C627	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C628	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C629	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C630	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C631	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C632	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C633	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C634	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C635	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C636	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C637	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C638	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C639	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C640	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C641	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C642	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C643	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C644	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C645	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C646	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C647	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C648	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C649	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C650	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C651	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C652	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C653	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C654	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C655	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C656	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C657	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C666	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C667	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C668	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C669	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C670	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C671	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C672	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C673	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C674	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C675	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C676	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C677	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C678	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C679	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C680	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C681	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C682	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C683	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C684	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C685	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C686	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C687	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C688	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C689	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C801	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C802	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP	Description
C803	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C804	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C805	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C806	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C807	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C808	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C809	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C810	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C811	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C812	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C821	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C822	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C823	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C824	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C825	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C826	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C827	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C828	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C829	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C830	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C831	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C832	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C833	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C834	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C835	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C836	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C837	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C838	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C839	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C840	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C841	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C842	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C843	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C844	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C845	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C846	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C847	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C848	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C849	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C850	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C851	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C852	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C853	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C854	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C855	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C856	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C865	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C866	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C867	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C868	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C869	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C870	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C871	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C872	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C873	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C874	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C875	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C876	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C877	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH

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Ref. No. or Q'ty	Part No.	SP	Description
C878	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C879	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C880	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C881	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C882	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C883	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C884	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C885	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C886	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C887	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C888	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1001	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1002	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1003	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1004	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1005	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1006	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1007	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1008	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1009	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1010	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1011	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1012	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1021	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1022	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1023	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1024	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1025	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1026	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1027	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1028	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1029	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1030	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1031	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1032	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1033	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1034	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1035	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1036	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1037	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1038	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1039	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1040	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1041	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1042	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1043	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1044	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1045	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1046	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1047	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1048	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1049	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1050	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1051	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1052	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1053	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1054	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1055	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1056	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1057	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1066	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1067	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1068	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1069	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1070	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1071	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1072	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1073	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1074	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1075	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1076	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1077	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1078	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1079	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1080	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1081	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1082	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1083	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1084	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1085	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1086	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1087	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1088	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1089	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1201	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1202	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1203	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1204	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1205	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1206	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1207	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1208	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1209	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1210	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1211	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1212	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1221	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1222	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1223	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1224	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1225	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1226	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1227	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1228	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1229	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1230	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1231	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1232	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1233	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1234	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1235	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1236	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1237	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1238	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1239	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1240	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1241	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1242	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH

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Ref. No. or Q'ty	Part No.	SP	Description
C1243	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1244	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1245	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1246	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1247	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1248	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1249	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1250	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1251	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1252	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1253	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1254	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1255	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1256	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1265	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1266	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1267	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1268	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1269	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1270	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1271	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1272	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1273	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1274	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1275	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1276	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1277	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1278	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1279	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1280	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1281	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1282	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1283	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1284	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1285	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1286	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1287	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1288	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1401	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1402	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1403	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1404	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1405	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1406	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1407	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1408	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1409	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1410	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1411	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1412	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1421	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1422	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1423	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1424	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1425	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1426	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1427	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1428	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1429	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH

Ref. No. or Q'ty	Part No.	SP	Description
C1430	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1431	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1432	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1433	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1434	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1435	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1436	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1437	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1438	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1439	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1440	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1441	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1442	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1443	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1444	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1445	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1446	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1447	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1448	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1449	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1450	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1451	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1452	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1453	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1454	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1455	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1456	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1457	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1466	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1467	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1468	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1469	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1470	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1471	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1472	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1473	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1474	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1475	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1476	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1477	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1478	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1479	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1480	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1481	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1482	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1483	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1484	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1485	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1486	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1487	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1488	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1489	1-162-917-11	s	CAPACITOR,CERAMIC 15PF/50V CH
C1601	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1602	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1603	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1604	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1605	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1606	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1607	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP	Description
C1608	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1609	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1611	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C1612	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1613	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1614	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C1615	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C1616	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1617	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1618	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1619	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1620	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1621	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1622	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1801	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1802	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1803	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C1804	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C1805	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1806	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1807	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C1808	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C1809	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C1810	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C1811	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C1812	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C1813	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C1814	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C1815	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C1816	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C1817	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1818	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1819	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C1820	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C1821	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C1822	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1823	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C1824	1-107-686-11	s	CAPACITOR,CHIP ELECT 4.7MF/16V
C1825	1-107-686-11	s	CAPACITOR,CHIP ELECT 4.7MF/16V
C1826	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C1827	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1828	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1829	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1830	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1831	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
D1	8-719-987-43	s	LED CL-150PG-CD
D2	8-719-987-43	s	LED CL-150PG-CD
D3	8-719-987-43	s	LED CL-150PG-CD
D4	8-719-987-43	s	LED CL-150PG-CD
D201	8-719-987-43	s	LED CL-150PG-CD
D202	8-719-987-43	s	LED CL-150PG-CD
D203	8-719-987-43	s	LED CL-150PG-CD
D204	8-719-987-43	s	LED CL-150PG-CD
D401	8-719-987-43	s	LED CL-150PG-CD
D402	8-719-987-43	s	LED CL-150PG-CD
D403	8-719-987-43	s	LED CL-150PG-CD
D404	8-719-987-43	s	LED CL-150PG-CD
D601	8-719-987-43	s	LED CL-150PG-CD
D602	8-719-987-43	s	LED CL-150PG-CD

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Ref. No. or Q'ty	Part No.	SP	Description
D603	8-719-987-43	s	LED CL-150PG-CD
D604	8-719-987-43	s	LED CL-150PG-CD
D801	8-719-987-43	s	LED CL-150PG-CD
D802	8-719-987-43	s	LED CL-150PG-CD
D803	8-719-987-43	s	LED CL-150PG-CD
D804	8-719-987-43	s	LED CL-150PG-CD
D1001	8-719-987-43	s	LED CL-150PG-CD
D1002	8-719-987-43	s	LED CL-150PG-CD
D1003	8-719-987-43	s	LED CL-150PG-CD
D1004	8-719-987-43	s	LED CL-150PG-CD
D1201	8-719-987-43	s	LED CL-150PG-CD
D1202	8-719-987-43	s	LED CL-150PG-CD
D1203	8-719-987-43	s	LED CL-150PG-CD
D1204	8-719-987-43	s	LED CL-150PG-CD
D1401	8-719-987-43	s	LED CL-150PG-CD
D1402	8-719-987-43	s	LED CL-150PG-CD
D1403	8-719-987-43	s	LED CL-150PG-CD
D1404	8-719-987-43	s	LED CL-150PG-CD
D1801	8-719-987-43	s	LED CL-150PG-CD
D1802	8-719-987-43	s	LED CL-150PG-CD
D1803	8-719-987-43	s	LED CL-150PG-CD
D1804	8-719-987-43	s	LED CL-150PG-CD
D1805	8-719-914-44	s	DIODE DAP202K (DUAL)
D1806	8-719-914-44	s	DIODE DAP202K (DUAL)
D1807	8-719-914-44	s	DIODE DAP202K (DUAL)
D1808	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D1809	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D1810	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D1811	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D1812	8-719-914-44	s	DIODE DAP202K (DUAL)
D1813	8-719-914-44	s	DIODE DAP202K (DUAL)
F1801 ⚠	1-576-329-11	s	FUSE CHIP 10A/125V (6125)
F1802 ⚠	1-576-329-11	s	FUSE CHIP 10A/125V (6125)
IC1	8-759-422-39	s	IC MC100EL11DR2
IC2	8-759-422-39	s	IC MC100EL11DR2
IC3	8-759-549-20	s	IC SN74LV541APWR
IC5	8-759-422-39	s	IC MC100EL11DR2
IC6	8-759-422-39	s	IC MC100EL11DR2
IC7	8-759-422-39	s	IC MC100EL11DR2
IC8	8-759-422-39	s	IC MC100EL11DR2
IC9	8-759-422-39	s	IC MC100EL11DR2
IC10	8-759-422-39	s	IC MC100EL11DR2
IC13	8-759-422-39	s	IC MC100EL11DR2
IC14	8-759-422-39	s	IC MC100EL11DR2
IC15	8-759-422-39	s	IC MC100EL11DR2
IC16	8-759-422-39	s	IC MC100EL11DR2
IC201	8-759-422-39	s	IC MC100EL11DR2
IC202	8-759-422-39	s	IC MC100EL11DR2
IC203	8-759-422-39	s	IC MC100EL11DR2
IC204	8-759-422-39	s	IC MC100EL11DR2
IC205	8-759-422-39	s	IC MC100EL11DR2
IC206	8-759-422-39	s	IC MC100EL11DR2
IC207	8-759-422-39	s	IC MC100EL11DR2
IC208	8-759-422-39	s	IC MC100EL11DR2
IC209	8-759-422-39	s	IC MC100EL11DR2
IC210	8-759-422-39	s	IC MC100EL11DR2
IC211	8-759-422-39	s	IC MC100EL11DR2
IC212	8-759-422-39	s	IC MC100EL11DR2

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Ref. No. or Q'ty	Part No.	SP	Description
IC401	8-759-422-39	s	IC MC100EL11DR2
IC402	8-759-422-39	s	IC MC100EL11DR2
IC403	8-759-549-20	s	IC SN74LV541APWR
IC404	8-759-422-39	s	IC MC100EL11DR2
IC405	8-759-422-39	s	IC MC100EL11DR2
IC406	8-759-422-39	s	IC MC100EL11DR2
IC407	8-759-422-39	s	IC MC100EL11DR2
IC408	8-759-422-39	s	IC MC100EL11DR2
IC409	8-759-422-39	s	IC MC100EL11DR2
IC410	8-759-422-39	s	IC MC100EL11DR2
IC411	8-759-422-39	s	IC MC100EL11DR2
IC412	8-759-422-39	s	IC MC100EL11DR2
IC413	8-759-422-39	s	IC MC100EL11DR2
IC601	8-759-422-39	s	IC MC100EL11DR2
IC602	8-759-422-39	s	IC MC100EL11DR2
IC603	8-759-422-39	s	IC MC100EL11DR2
IC604	8-759-422-39	s	IC MC100EL11DR2
IC605	8-759-422-39	s	IC MC100EL11DR2
IC606	8-759-422-39	s	IC MC100EL11DR2
IC607	8-759-422-39	s	IC MC100EL11DR2
IC608	8-759-422-39	s	IC MC100EL11DR2
IC609	8-759-422-39	s	IC MC100EL11DR2
IC610	8-759-422-39	s	IC MC100EL11DR2
IC611	8-759-422-39	s	IC MC100EL11DR2
IC612	8-759-422-39	s	IC MC100EL11DR2
IC801	8-759-422-39	s	IC MC100EL11DR2
IC802	8-759-422-39	s	IC MC100EL11DR2
IC803	8-759-549-20	s	IC SN74LV541APWR
IC804	8-759-422-39	s	IC MC100EL11DR2
IC805	8-759-422-39	s	IC MC100EL11DR2
IC806	8-759-422-39	s	IC MC100EL11DR2
IC807	8-759-422-39	s	IC MC100EL11DR2
IC808	8-759-422-39	s	IC MC100EL11DR2
IC809	8-759-422-39	s	IC MC100EL11DR2
IC810	8-759-422-39	s	IC MC100EL11DR2
IC811	8-759-422-39	s	IC MC100EL11DR2
IC812	8-759-422-39	s	IC MC100EL11DR2
IC813	8-759-422-39	s	IC MC100EL11DR2
IC1001	8-759-422-39	s	IC MC100EL11DR2
IC1002	8-759-422-39	s	IC MC100EL11DR2
IC1003	8-759-422-39	s	IC MC100EL11DR2
IC1004	8-759-422-39	s	IC MC100EL11DR2
IC1005	8-759-422-39	s	IC MC100EL11DR2
IC1006	8-759-422-39	s	IC MC100EL11DR2
IC1007	8-759-422-39	s	IC MC100EL11DR2
IC1008	8-759-422-39	s	IC MC100EL11DR2
IC1009	8-759-422-39	s	IC MC100EL11DR2
IC1010	8-759-422-39	s	IC MC100EL11DR2
IC1011	8-759-422-39	s	IC MC100EL11DR2
IC1012	8-759-422-39	s	IC MC100EL11DR2
IC1201	8-759-422-39	s	IC MC100EL11DR2
IC1202	8-759-422-39	s	IC MC100EL11DR2
IC1203	8-759-549-20	s	IC SN74LV541APWR
IC1204	8-759-422-39	s	IC MC100EL11DR2
IC1205	8-759-422-39	s	IC MC100EL11DR2
IC1206	8-759-422-39	s	IC MC100EL11DR2
IC1207	8-759-422-39	s	IC MC100EL11DR2
IC1208	8-759-422-39	s	IC MC100EL11DR2
IC1209	8-759-422-39	s	IC MC100EL11DR2

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Ref. No. or Q'ty	Part No.	SP	Description
IC1210	8-759-422-39	s	IC MC100EL11DR2
IC1211	8-759-422-39	s	IC MC100EL11DR2
IC1212	8-759-422-39	s	IC MC100EL11DR2
IC1213	8-759-422-39	s	IC MC100EL11DR2
IC1401	8-759-422-39	s	IC MC100EL11DR2
IC1402	8-759-422-39	s	IC MC100EL11DR2
IC1403	8-759-422-39	s	IC MC100EL11DR2
IC1404	8-759-422-39	s	IC MC100EL11DR2
IC1405	8-759-422-39	s	IC MC100EL11DR2
IC1406	8-759-422-39	s	IC MC100EL11DR2
IC1407	8-759-422-39	s	IC MC100EL11DR2
IC1408	8-759-422-39	s	IC MC100EL11DR2
IC1409	8-759-422-39	s	IC MC100EL11DR2
IC1410	8-759-422-39	s	IC MC100EL11DR2
IC1411	8-759-422-39	s	IC MC100EL11DR2
IC1412	8-759-422-39	s	IC MC100EL11DR2
IC1601	8-759-523-94	s	IC TC74VHC32FT(EL)
IC1602	8-759-523-78	s	IC TC74VHC00FT(EL)
IC1603	8-759-549-01	s	IC SN74LV125APWR
IC1604	8-759-549-15	s	IC SN74LV245APWR
IC1605	8-759-549-20	s	IC SN74LV541APWR
IC1606	8-759-549-20	s	IC SN74LV541APWR
IC1607	8-759-524-07	s	IC TC74VHC138FT(EL)
IC1608	8-759-989-91	s	IC TL7705ACPS
IC1609	8-752-381-84	s	IC CXD1095BQ
IC1610	8-752-381-84	s	IC CXD1095BQ
IC1801	8-759-937-36	s	IC TL1451ACNS
L1801	1-414-617-11	s	INDUCTOR (POWER) 10UH
L1802	1-414-617-11	s	INDUCTOR (POWER) 10UH
L1803	1-416-221-11	s	COIL, CHOKE
L1804	1-416-221-11	s	COIL, CHOKE
L1805	1-414-617-11	s	INDUCTOR (POWER) 10UH
L1806	1-414-617-11	s	INDUCTOR (POWER) 10UH
Q1	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q2	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q3	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q4	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q5	8-729-106-60	s	TRANSISTOR 2SB1115A
Q6	8-729-113-22	s	TRANSISTOR FA1L4L-L30
Q7	8-729-106-60	s	TRANSISTOR 2SB1115A
Q8	8-729-113-22	s	TRANSISTOR FA1L4L-L30
Q201	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q202	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q203	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q204	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q401	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q402	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q403	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q404	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q601	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q602	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q603	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q604	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q801	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q802	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q803	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q804	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1001	8-729-105-68	s	TRANSISTOR 2SC3356-K

Ref. No. or Q'ty	Part No.	SP	Description
Q1002	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1003	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1004	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1201	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1202	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1203	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1204	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1401	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1402	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1403	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1404	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1801	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q1802	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q1803	8-729-045-53	s	TRANSISTOR SI4431DY-T1
Q1804	8-729-045-53	s	TRANSISTOR SI4431DY-T1
Q1805	8-729-113-22	s	TRANSISTOR FA1L4L-L30
Q1806	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q1807	8-729-112-65	s	TRANSISTOR 2SA1462
Q1808	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q1809	8-729-112-65	s	TRANSISTOR 2SA1462
Q1810	8-729-012-35	s	FET 2SK711-BL
Q1811	8-729-012-35	s	FET 2SK711-BL
R1	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R2	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R3	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R4	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R5	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R6	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R7	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R8	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R9	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R10	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R11	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R12	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R13	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R14	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R15	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R16	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R17	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R18	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R19	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R20	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R21	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R22	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R23	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R24	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R25	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R26	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R27	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R28	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R29	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R30	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R31	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R32	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R33	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R34	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R35	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R36	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R37	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R38	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R39	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R40	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R41	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R42	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R43	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R44	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R45	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R46	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R47	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R48	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R49	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R50	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R51	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R52	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R53	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R54	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R55	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R56	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R57	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R58	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R59	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R60	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R61	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R62	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R63	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R64	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R65	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R66	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R67	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R68	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R69	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R70	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R71	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R72	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R73	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R74	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R75	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R76	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R77	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R78	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R79	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R80	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R81	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R82	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R83	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R84	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R85	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R86	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R87	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R88	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R89	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R90	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R91	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R92	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R93	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R94	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R95	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)

(IPM-95 BOARD (HKDS-X3010))

Ref. No. or Q'ty	Part No.	SP	Description
R96	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R97	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R98	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R99	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R100	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R101	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R102	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R103	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R104	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R105	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R106	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R107	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R108	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R109	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R110	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R111	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R112	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R113	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R114	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R115	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R116	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R117	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R118	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R119	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R120	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R121	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R122	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R123	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R124	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R125	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R126	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R127	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R128	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R129	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R130	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R131	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R132	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R133	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R134	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R135	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R136	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R137	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R138	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R139	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R140	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R201	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R202	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R203	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R204	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R205	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R206	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R207	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R208	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R209	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R210	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R211	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R212	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R213	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R214	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

(IPM-95 BOARD (HKDS-X3010))

Ref. No. or Q'ty	Part No.	SP	Description
R215	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R216	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R217	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R218	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R219	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R220	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R221	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R222	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R223	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R224	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R225	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R226	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R227	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R228	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R229	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R230	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R231	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R232	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R233	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R234	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R235	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R236	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R237	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R238	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R239	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R240	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R241	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R242	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R243	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R244	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R245	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R246	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R247	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R248	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R249	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R250	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R251	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R252	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R253	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R254	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R255	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R256	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R257	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R258	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R259	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R260	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R261	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R262	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R263	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R264	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R265	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R266	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R267	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R268	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R269	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R270	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R271	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R272	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R273	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R274	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R275	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R276	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R277	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R278	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R279	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R280	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R281	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R282	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R283	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R284	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R285	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R286	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R287	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R288	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R289	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R290	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R291	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R292	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R293	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R294	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R295	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R296	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R297	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R298	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R299	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R300	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R301	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R302	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R303	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R304	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R305	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R306	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R307	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R308	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R309	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R310	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R311	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R312	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R313	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R314	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R315	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R316	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R317	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R318	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R319	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R320	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R321	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R322	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R323	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R324	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R325	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R326	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R327	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R328	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R329	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R330	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R331	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R332	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R333	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R334	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R335	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R336	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R337	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R338	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R339	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R340	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R401	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R402	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R403	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R404	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R405	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R406	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R407	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R408	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R409	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R410	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R411	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R412	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R413	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R414	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R415	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R416	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R417	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R418	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R419	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R420	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R421	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R422	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R423	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R424	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R425	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R426	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R427	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R428	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R429	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R430	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R431	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R432	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R433	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R434	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R435	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R436	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R437	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R438	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R439	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R440	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R441	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R442	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R443	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R444	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R445	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R446	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R447	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R448	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R449	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R450	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R451	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R452	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R453	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R454	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R455	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R456	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R457	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R458	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R459	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R460	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R461	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R462	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R463	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R464	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R465	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R466	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R467	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R468	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R469	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R470	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R471	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R472	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R473	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R474	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R475	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R476	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R477	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R478	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R479	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R480	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R481	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R482	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R483	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R484	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R485	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R486	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R487	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R488	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R489	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R490	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R491	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R492	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R493	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R494	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R495	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R496	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R497	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R498	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R499	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R500	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R501	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R502	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R503	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R504	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R505	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R506	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R507	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R508	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R509	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R510	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R511	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R512	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R513	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R514	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R515	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R516	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R517	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R518	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R519	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R520	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R521	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R522	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R523	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R524	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R525	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R526	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R527	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R528	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R529	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R530	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R531	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R532	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R533	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R534	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R535	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R536	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R537	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R538	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R539	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R540	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R601	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R602	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R603	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R604	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R605	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R606	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R607	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R608	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R609	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R610	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R611	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R612	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R613	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R614	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R615	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R616	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R617	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R618	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R619	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R620	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R621	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R622	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R623	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R624	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R625	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R626	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R627	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R628	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R629	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R630	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R631	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R632	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R633	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R634	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R635	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R636	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R637	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R638	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R639	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R640	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R641	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R642	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R643	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R644	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R645	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R646	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R647	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R648	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R649	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R650	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R651	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R652	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R653	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R654	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R655	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R656	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R657	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R658	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R659	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R660	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R661	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R662	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R663	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R664	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R665	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R666	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R667	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R668	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R669	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R670	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R671	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R672	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R673	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R674	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R675	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R676	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R677	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R678	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R679	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R680	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R681	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R682	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R683	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R684	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R685	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R686	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R687	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R688	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)

(IPM-95 BOARD (HKDS-X3010))

Ref. No. or Q'ty	Part No.	SP	Description
R689	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R690	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R691	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R692	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R693	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R694	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R695	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R696	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R697	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R698	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R699	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R700	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R701	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R702	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R703	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R704	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R705	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R706	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R707	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R708	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R709	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R710	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R711	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R712	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R713	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R714	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R715	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R716	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R717	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R718	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R719	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R720	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R721	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R722	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R723	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R724	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R725	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R726	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R727	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R728	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R729	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R730	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R731	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R732	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R733	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R734	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R735	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R736	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R737	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R738	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R739	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R740	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R801	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R802	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R803	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R804	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R805	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R806	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R807	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R808	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R809	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R810	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R811	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R812	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R813	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R814	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R815	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R816	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R817	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R818	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R819	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R820	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R821	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R822	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R823	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R824	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R825	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R826	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R827	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R828	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R829	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R830	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R831	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R832	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R833	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R834	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R835	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R836	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R837	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R838	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R839	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R840	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R841	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R842	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R843	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R844	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R845	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R846	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R847	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R848	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R849	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R850	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R851	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R852	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R853	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R854	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R855	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R856	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R857	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R858	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R859	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R860	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R861	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R862	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R863	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R864	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R865	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R866	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R867	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R868	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R869	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R870	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R871	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R872	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R873	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R874	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R875	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R876	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R877	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R878	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R879	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R880	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R881	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R882	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R883	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R884	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R885	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R886	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R887	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R888	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R889	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R890	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R891	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R892	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R893	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R894	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R895	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R896	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R897	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R898	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R899	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R900	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R901	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R902	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R903	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R904	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R905	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R906	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R907	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R908	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R909	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R910	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R911	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R912	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R913	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R914	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R915	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R916	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R917	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R918	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R919	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R920	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R921	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R922	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R923	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R924	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R925	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R926	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R927	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R928	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R929	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R930	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R931	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R932	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R933	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R934	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R935	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R936	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R937	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R938	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R939	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R940	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1001	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1002	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1003	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1004	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1005	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1006	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1007	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1008	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1009	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1010	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1011	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1012	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1013	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1014	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1015	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1016	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1017	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1018	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1019	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1020	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1021	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1022	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1023	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1024	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1025	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1026	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1027	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1028	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1029	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1030	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1031	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1032	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1033	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1034	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1035	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1036	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1037	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1038	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1039	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1040	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1041	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1042	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1043	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1044	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R1045	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1046	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1047	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1048	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1049	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1050	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1051	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1052	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1053	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1054	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1055	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1056	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1057	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1058	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1059	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1060	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1061	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1062	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1063	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1064	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1065	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1066	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1067	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1068	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1069	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1070	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1071	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1072	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1073	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1074	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1075	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1076	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1077	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1078	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1079	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1080	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1081	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1082	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1083	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1084	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1085	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1086	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1087	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1088	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1089	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1090	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1091	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1092	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1093	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1094	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1095	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1096	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1097	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1098	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1099	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1100	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1101	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1102	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1103	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R1104	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1105	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1106	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1107	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1108	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1109	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1110	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1111	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1112	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1113	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1114	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1115	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1116	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1117	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1118	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1119	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1120	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1121	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1122	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1123	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1124	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1125	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1126	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1127	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1128	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1129	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1130	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1131	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1132	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1133	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1134	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1135	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1136	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1137	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1138	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1139	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1140	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1201	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1202	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1203	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1204	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1205	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1206	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1207	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1208	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1209	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1210	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1211	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1212	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1213	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1214	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1215	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1216	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1217	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1218	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1219	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1220	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1221	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1222	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R1223	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1224	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1225	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1226	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1227	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1228	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1229	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1230	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1231	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1232	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1233	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1234	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1235	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1236	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1237	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1238	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1239	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1240	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1241	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1242	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1243	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1244	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1245	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1246	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1247	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1248	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1249	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1250	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1251	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1252	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1253	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1254	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1255	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1256	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1257	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1258	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1259	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1260	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1261	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1262	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1263	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1264	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1265	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1266	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1267	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1268	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1269	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1270	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1271	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1272	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1273	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1274	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1275	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1276	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1277	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1278	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1279	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1280	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1281	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R1282	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1283	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1284	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1285	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1286	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1287	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1288	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1289	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1290	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1291	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1292	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1293	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1294	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1295	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1296	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1297	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1298	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1299	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1300	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1301	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1302	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1303	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1304	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1305	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1306	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1307	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1308	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1309	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1310	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1311	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1312	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1313	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1314	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1315	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1316	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1317	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1318	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1319	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1320	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1321	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1322	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1323	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1324	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1325	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1326	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1327	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1328	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1329	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1330	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1331	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1332	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1333	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1334	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1335	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1336	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1337	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1338	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1339	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1340	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)

(IPM-95 BOARD (HKDS-X3010))

Ref. No. or Q'ty	Part No.	SP	Description
R1401	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1402	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1403	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1404	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1405	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1406	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1407	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1408	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1409	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1410	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1411	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1412	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1413	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1414	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1415	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1416	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1417	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1418	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1419	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1420	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1421	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1422	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1423	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1424	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1425	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1426	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1427	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1428	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1429	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1430	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1431	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1432	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1433	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1434	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1435	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1436	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1437	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1438	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1439	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1440	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1441	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1442	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1443	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1444	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1445	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1446	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1447	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1448	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1449	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1450	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1451	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1452	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1453	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1454	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1455	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1456	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1457	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1458	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1459	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R1460	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1461	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1462	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1463	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1464	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1465	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1466	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1467	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1468	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1469	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1470	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1471	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1472	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1473	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1474	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1475	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1476	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1477	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1478	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1479	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1480	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1481	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1482	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1483	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1484	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1485	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1486	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1487	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1488	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1489	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1490	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1491	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1492	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1493	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1494	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1495	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1496	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1497	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1498	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1499	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1500	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1501	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1502	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1503	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1504	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1505	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1506	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R1507	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1508	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1509	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1510	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1511	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1512	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1513	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1514	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1515	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1516	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1517	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1518	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R1519	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1520	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1521	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1522	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1523	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1524	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1525	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1526	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1527	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1528	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1529	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1530	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1531	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1532	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1533	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1534	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1535	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1536	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1537	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1538	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1539	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1540	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R1604	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1605	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1606	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1607	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R1612	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1613	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1614	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1615	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1618	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1619	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1620	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1621	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1622	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1623	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1624	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1625	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1801	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1802	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1803	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1804	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1805	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1806	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1807	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R1808	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1809	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1810	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1811	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1812	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R1813	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1814	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R1815	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1816	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R1817	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1818	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R1819	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1820	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R1821	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)

(IPM-95 BOARD (HKDS-X3010))

Ref. No. or Q'ty	Part No.	SP	Description
R1822	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1823	1-218-703-11	s	RESISTOR,METAL 3.0K 1/16(1608)
R1824	1-218-686-11	s	RESISTOR CHIP 560 1/16W (1608)
R1825	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1826	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1827	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1828	1-218-703-11	s	RESISTOR,METAL 3.0K 1/16(1608)
R1829	1-218-686-11	s	RESISTOR CHIP 560 1/16W (1608)
R1830	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R1831	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R1832	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R1833	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R1834	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R1835	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R1836	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R1837	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R1838	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R1839	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R1840	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R1841	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R1842	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R1843	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R1844	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R1901	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1902	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1903	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1904	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
RB1603	1-239-286-11	s	RESISTOR,NETWORK 22K (1608)
RB1606	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB1607	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB1608	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB1609	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB1610	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB1615	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB1616	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB1617	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB1618	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB1619	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB1621	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB1622	1-239-307-11	s	RESISTOR ARRAY,CHIP 22K
RB1623	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB1624	1-239-307-11	s	RESISTOR ARRAY,CHIP 22K
RB1625	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB1626	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB1627	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB1628	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB1629	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB1630	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB1631	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB1632	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB1633	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB1634	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB1635	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB1636	1-239-292-11	s	RESISTOR ARRAY, CHIP 33K
RB1637	1-239-292-11	s	RESISTOR ARRAY, CHIP 33K
RB1638	1-239-436-11	s	RESISTOR, NETWORK 33K (1608)

MB-864 BOARD (HDS-X3700)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8323-956-A	o	MOUNTED CIRCUIT BOARD, MB-864
CN1002	⚠ 1-691-960-11	o	PIN,CONNECTOR (PC BOARD) 3P
CN1013	⚠ 1-691-960-11	o	PIN,CONNECTOR (PC BOARD) 3P

MB-868 BOARD (HDS-X3400)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8323-966-A	o	MOUNTED CIRCUIT BOARD, MB-868
CN32	⚠ 1-691-960-11	o	PIN,CONNECTOR (PC BOARD) 3P

MB-886 BOARD (HDS-X3600)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8323-963-A	o	MOUNTED CIRCUIT BOARD, MB-886
CN1002	⚠ 1-691-960-11	o	PIN,CONNECTOR (PC BOARD) 3P
CN1007	1-766-538-11	o	CONNECTOR, BOARD TO BOARD
CN1008	1-766-538-11	o	CONNECTOR, BOARD TO BOARD
CN1010	⚠ 1-691-960-11	o	PIN,CONNECTOR (PC BOARD) 3P

MX-96 BOARD (HKDS-X3060)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	4-886-821-11	s	SCREW,M3X6 CASE (SILVER)
1pc	7-626-300-54	s	SPRING PIN 3X6
1pc	1-763-368-11	s	D.C.FAN
1pc	1-763-368-11	s	D.C.FAN
1pc	2-535-013-02	o	COLLAR,SCREW
1pc	7-682-546-04	s	SCREW +B3X5(EP-FE/CU,NI,CR)
1pc	7-682-948-01	s	SCREW +PSW 3X8(EP-FE/ZN/CM2)
C1	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C6	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C7	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C8	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C9	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C10	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C11	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C12	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C13	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C14	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C15	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C16	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C17	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C18	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C19	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C20	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C21	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C22	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C23	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C24	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C25	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C26	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C27	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C28	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C29	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C30	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C31	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C32	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C33	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C34	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C35	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C36	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C37	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C38	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C39	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C40	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C41	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C42	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C43	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C44	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C45	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C46	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C47	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C48	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C49	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C50	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C51	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

(MX-96 BOARD (HKDS-X3060))

Ref. No. or Q'ty	Part No.	SP	Description
C52	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C53	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C54	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C55	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C56	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C57	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C58	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C59	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C60	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C61	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C62	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C63	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C64	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C65	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C66	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C67	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C68	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C69	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C70	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C71	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C72	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C73	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C74	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C75	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C76	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C77	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C78	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C79	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C80	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C81	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C82	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C83	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C84	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C85	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C86	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C87	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C88	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C89	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C90	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C91	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C92	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C93	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C94	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C95	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C96	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C97	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C98	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C99	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C100	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C101	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C102	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C103	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C104	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C105	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C106	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C107	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C108	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C301	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C302	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP	Description
C303	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C304	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C305	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C306	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C307	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C308	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C309	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C310	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C311	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C312	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C313	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C314	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C315	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C316	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C317	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C318	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C319	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C320	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C321	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C322	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C323	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C324	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C325	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C326	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C327	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C328	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C329	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C330	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C331	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C332	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C333	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C334	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C335	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C336	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C337	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C338	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C339	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C340	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C341	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C342	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C343	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C344	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C345	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C346	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C347	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C348	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C349	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C350	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C351	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C352	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C353	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C354	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C355	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C356	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C357	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C358	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C359	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C360	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C361	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C362	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C363	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C364	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C365	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C366	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C367	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C368	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C369	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C370	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C371	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C372	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C373	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C374	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C375	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C376	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C377	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C378	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C379	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C380	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C381	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C382	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C383	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C384	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C385	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C386	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C387	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C388	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C389	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C390	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C391	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C392	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C393	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C394	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C395	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C396	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C397	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C398	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C399	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C400	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C401	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C402	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C403	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C404	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C405	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C406	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C407	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C408	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C600	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C601	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C602	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C603	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C604	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C605	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C606	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C607	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C608	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C609	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C610	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C611	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C612	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C613	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C614	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C615	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C616	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C621	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C622	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C623	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C624	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C625	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C626	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C627	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C628	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C629	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C630	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C631	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C632	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C633	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C634	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C635	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C636	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C637	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C638	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C639	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C640	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C641	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C642	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C643	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C644	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C645	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C646	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C647	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C648	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C653	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C654	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C655	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C656	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C657	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C658	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C659	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C660	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C661	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C662	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C663	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C664	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C665	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C666	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C667	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C668	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C669	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C670	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C671	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C672	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C673	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C674	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C675	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C676	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C677	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C678	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP	Description
C679	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C680	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C681	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C682	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C683	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C684	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C685	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C686	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C687	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C688	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C689	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C690	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C691	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C692	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C693	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C694	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C695	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C901	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C902	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C903	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C904	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C905	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C906	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C907	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C908	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C909	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C910	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C911	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C912	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C913	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C914	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C915	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C916	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C921	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C922	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C923	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C924	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C925	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C926	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C927	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C928	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C929	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C930	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C931	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C932	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C933	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C934	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C935	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C936	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C937	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C938	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C939	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C940	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C941	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C942	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C943	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C944	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C945	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C946	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)

Ref. No. or Q'ty	Part No.	SP	Description
C947	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C948	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C953	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C954	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C955	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C956	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C957	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C958	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C959	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C960	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C961	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C962	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C963	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C964	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C965	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C966	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C967	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C968	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C969	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C970	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C971	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C972	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C973	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C974	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C975	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C976	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C977	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C978	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C979	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C980	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C981	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C982	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C983	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C984	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C985	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C986	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C987	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C988	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C989	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C990	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C991	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C992	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C993	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C994	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C995	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C996	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1201	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1202	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1203	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1204	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1205	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1206	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1207	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1208	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1209	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1210	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1211	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1212	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1213	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)

Ref. No. or Q'ty	Part No.	SP	Description
C1214	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1215	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1216	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1221	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1222	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1223	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1224	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1225	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1226	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1227	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1228	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1229	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1230	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1231	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1232	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1233	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1234	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1235	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1236	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1237	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1238	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1239	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1240	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1241	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1242	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1243	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1244	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1245	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1246	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1247	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1248	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1253	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1254	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1255	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1256	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1257	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1258	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1259	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1260	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1261	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1262	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1263	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1264	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1265	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1266	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1267	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1268	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1269	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1270	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1271	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1272	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1273	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1274	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1275	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1276	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1277	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1278	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1279	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1280	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP	Description
C1281	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1282	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1283	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1284	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1285	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1286	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1287	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1288	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1289	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1290	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1291	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1292	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1293	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1294	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1295	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1296	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1501	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1502	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1503	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1504	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1505	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1506	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1507	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1508	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1509	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1510	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1511	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1512	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1513	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1514	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1515	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1516	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1521	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1522	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1523	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1524	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1525	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1526	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1527	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1528	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1529	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1530	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1531	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1532	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1533	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1534	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1535	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1536	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1537	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1538	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1539	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1540	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1541	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1542	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1543	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1544	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1545	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1546	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1547	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP	Description
C1548	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1549	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1550	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1551	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1552	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1553	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1554	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1555	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1556	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1557	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1558	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1559	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1560	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1561	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1562	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1563	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1564	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1569	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1570	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1571	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1572	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1573	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1574	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1575	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1576	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1577	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1578	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1579	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1580	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1581	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1582	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1583	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1584	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1585	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1586	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1587	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1588	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1589	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1590	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1591	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1592	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1593	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1594	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1595	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1596	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1801	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1802	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1803	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1804	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1805	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1806	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1808	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1809	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1810	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1811	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1812	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1813	1-162-916-11	s	CAPACITOR,CERAMIC 12PF/50V CH
C1814	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1815	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C1816	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1817	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1818	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1819	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1820	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C1821	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1822	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C1823	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1824	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1825	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C1826	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1827	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1828	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1829	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1830	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2101	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2102	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2103	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2104	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2105	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2106	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2107	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2108	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2109	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C2110	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2111	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2112	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2113	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C2114	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2115	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C2116	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C2117	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2118	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2119	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2120	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2121	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C2122	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C2123	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2124	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2125	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2126	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2127	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2128	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2129	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2130	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2131	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2132	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2133	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C2134	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2135	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2136	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2137	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C2138	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2139	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C2140	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C2141	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2142	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2143	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2144	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP	Description
C2145	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C2146	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C2147	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2148	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2401	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2402	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2403	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2404	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2405	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2406	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2407	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2408	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2409	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C2410	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2411	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2412	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2413	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C2414	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2415	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C2416	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C2417	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2418	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2419	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2420	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2421	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C2422	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C2423	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2424	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2425	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2426	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2427	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2428	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2429	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2430	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2431	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2432	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2433	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C2434	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2435	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2436	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2437	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C2438	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2439	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C2440	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C2441	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2442	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2443	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2444	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2445	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C2446	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C2447	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2448	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2701	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2702	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2703	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2704	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2705	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2706	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2707	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

Ref. No. or Q'ty	Part No.	SP	Description
C2708	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2709	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C2710	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2711	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2712	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2713	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C2714	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2715	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C2716	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C2717	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2718	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2719	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2720	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2721	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C2722	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C2723	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2724	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2725	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2726	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2727	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2728	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2729	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2730	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2731	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2732	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2733	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C2734	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2735	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2736	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2737	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C2738	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2739	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C2740	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C2741	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2742	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2743	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2744	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2745	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C2746	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C2747	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2748	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3001	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3002	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3003	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3004	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3005	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3006	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3007	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3008	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3009	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3010	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3011	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3012	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3013	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3014	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3015	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C3016	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C3017	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3018	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

Ref. No. or Q'ty	Part No.	SP	Description
C3019	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3020	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3021	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3022	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3023	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3024	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3025	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3026	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3027	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3028	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3029	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3030	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3031	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3032	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3033	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3034	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3035	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3036	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3037	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3038	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3039	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C3040	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C3041	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3042	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3043	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3044	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3045	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3046	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3047	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3048	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3301	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3302	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3303	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3304	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3305	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3306	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3307	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3308	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3309	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3310	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3311	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3312	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3313	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3314	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3315	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C3316	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C3317	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3318	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3319	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3320	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3321	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3322	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3323	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3324	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3325	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3326	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3327	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3328	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3329	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)

Ref. No. or Q'ty	Part No.	SP	Description
C3330	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3331	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3332	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3333	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3334	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3335	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3336	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3337	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3338	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3339	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C3340	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C3341	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3342	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3343	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3344	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3345	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3346	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3347	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3348	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3601	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3602	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3603	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3604	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3605	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3606	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3607	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3608	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3609	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3610	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3611	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3612	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3613	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3614	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3615	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C3616	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C3617	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3618	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3619	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3620	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3621	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3622	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3623	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3624	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3625	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3626	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3627	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3628	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3629	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3630	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3631	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3632	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3633	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3634	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3635	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3636	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3637	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3638	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3639	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C3640	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B

Ref. No. or Q'ty	Part No.	SP	Description
C3641	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3642	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3643	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3644	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3645	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3646	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3647	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3648	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3901	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3902	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3903	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3904	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3905	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3906	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3907	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3908	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3909	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3910	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3911	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3912	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3913	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3914	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3915	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C3916	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C3917	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3918	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3919	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3920	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3921	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3922	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3923	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3924	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3925	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3926	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3927	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3928	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3929	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3930	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3931	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3932	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3933	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3934	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3935	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3936	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3937	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3938	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3939	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C3940	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C3941	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3942	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3943	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3944	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3945	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3946	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C3947	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3948	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4201	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C4202	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C4203	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C4204	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C4205	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C4206	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C4207	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4208	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4209	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C4210	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C4211	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4212	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4213	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C4214	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C4215	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C4216	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C4217	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4218	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4219	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4220	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4221	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C4222	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C4223	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4224	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4225	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C4226	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C4227	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C4228	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C4229	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C4230	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C4231	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4232	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4233	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C4234	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C4235	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4236	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4237	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C4238	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C4239	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C4240	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C4241	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4242	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4243	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4244	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4245	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C4246	1-125-817-11	s	CAPACITOR, CERAMIC 10MF/6.3V
C4247	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4248	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4501	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4502	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4503	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4505	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4506	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4507	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4508	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4509	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4510	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4511	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4512	1-104-851-11	s	CAPACITOR,TANTALUM 10MF/10V
C4513	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4514	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4515	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH

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Ref. No. or Q'ty	Part No.	SP	Description
C4516	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C4517	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4801	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4802	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4803	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4804	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4805	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C4806	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4807	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4808	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C4809	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5102	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5103	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5104	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5105	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5106	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5107	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5108	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5109	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5110	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5401	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5402	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C5403	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C5404	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5405	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5406	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C5407	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C5408	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5409	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5410	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5411	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5412	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5701	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5702	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5703	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C5704	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C5705	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5706	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5707	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C5708	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C5709	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C5710	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C5711	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C5712	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C5713	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C5714	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C5715	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C5716	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C5717	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5718	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5719	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C5720	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C5721	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C5722	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5723	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C5724	1-107-686-11	s	CAPACITOR,CHIP ELECT 4.7MF/16V
C5725	1-107-686-11	s	CAPACITOR,CHIP ELECT 4.7MF/16V
C5726	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C5727	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP	Description
C5728	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5729	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5730	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5731	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C6001	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C6003	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C6005	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C6007	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C6011	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C6012	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C6016	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C6018	1-164-227-11	s	CAPACITOR,CERAMIC 0.022MF/25V
C6019	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C6020	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C6021	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C6023	1-107-686-11	s	CAPACITOR,CHIP ELECT 4.7MF/16V
C6024	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C6025	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C6026	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C6028	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C6030	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C6031	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C6032	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C6033	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C6034	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C6035	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
CN7	1-691-550-11	s	PIN,CONNECTOR (3P)(SMD)(1.5MM)
CN8	1-691-550-11	s	PIN,CONNECTOR (3P)(SMD)(1.5MM)
CN9	1-764-177-11	o	PIN,CONNECTOR (7P)(SMD)(1.5MM)
D1801	8-719-914-44	s	DIODE DAP202K (DUAL)
D2101	8-719-914-44	s	DIODE DAP202K (DUAL)
D2102	8-719-914-44	s	DIODE DAP202K (DUAL)
D2103	8-719-914-44	s	DIODE DAP202K (DUAL)
D2104	8-719-914-44	s	DIODE DAP202K (DUAL)
D2401	8-719-914-44	s	DIODE DAP202K (DUAL)
D2402	8-719-914-44	s	DIODE DAP202K (DUAL)
D2403	8-719-914-44	s	DIODE DAP202K (DUAL)
D2404	8-719-914-44	s	DIODE DAP202K (DUAL)
D2701	8-719-914-44	s	DIODE DAP202K (DUAL)
D2702	8-719-914-44	s	DIODE DAP202K (DUAL)
D2703	8-719-914-44	s	DIODE DAP202K (DUAL)
D2704	8-719-914-44	s	DIODE DAP202K (DUAL)
D3001	8-719-914-44	s	DIODE DAP202K (DUAL)
D3002	8-719-914-44	s	DIODE DAP202K (DUAL)
D3003	8-719-914-44	s	DIODE DAP202K (DUAL)
D3004	8-719-914-44	s	DIODE DAP202K (DUAL)
D3301	8-719-914-44	s	DIODE DAP202K (DUAL)
D3302	8-719-914-44	s	DIODE DAP202K (DUAL)
D3303	8-719-914-44	s	DIODE DAP202K (DUAL)
D3304	8-719-914-44	s	DIODE DAP202K (DUAL)
D3601	8-719-914-44	s	DIODE DAP202K (DUAL)
D3602	8-719-914-44	s	DIODE DAP202K (DUAL)
D3603	8-719-914-44	s	DIODE DAP202K (DUAL)
D3604	8-719-914-44	s	DIODE DAP202K (DUAL)
D3901	8-719-914-44	s	DIODE DAP202K (DUAL)
D3902	8-719-914-44	s	DIODE DAP202K (DUAL)
D3903	8-719-914-44	s	DIODE DAP202K (DUAL)
D3904	8-719-914-44	s	DIODE DAP202K (DUAL)

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Ref. No. or Q'ty	Part No.	SP	Description
D4201	8-719-914-44	s	DIODE DAP202K (DUAL)
D4202	8-719-914-44	s	DIODE DAP202K (DUAL)
D4203	8-719-914-44	s	DIODE DAP202K (DUAL)
D4204	8-719-914-44	s	DIODE DAP202K (DUAL)
D4501	8-719-987-43	s	LED CL-150PG-CD
D4801	8-719-987-43	s	LED CL-150PG-CD
D4802	8-719-987-43	s	LED CL-150PG-CD
D4803	8-719-987-43	s	LED CL-150PG-CD
D4804	8-719-987-43	s	LED CL-150PG-CD
D4805	8-719-987-43	s	LED CL-150PG-CD
D4806	8-719-987-43	s	LED CL-150PG-CD
D4807	8-719-987-43	s	LED CL-150PG-CD
D4808	8-719-987-43	s	LED CL-150PG-CD
D4809	8-719-987-43	s	LED CL-150PG-CD
D4810	8-719-987-43	s	LED CL-150PG-CD
D4811	8-719-987-43	s	LED CL-150PG-CD
D4812	8-719-987-43	s	LED CL-150PG-CD
D4813	8-719-987-43	s	LED CL-150PG-CD
D4814	8-719-987-43	s	LED CL-150PG-CD
D4815	8-719-987-43	s	LED CL-150PG-CD
D4816	8-719-987-43	s	LED CL-150PG-CD
D4817	8-719-987-43	s	LED CL-150PG-CD
D4818	8-719-987-43	s	LED CL-150PG-CD
D4819	8-719-987-43	s	LED CL-150PG-CD
D4820	8-719-987-43	s	LED CL-150PG-CD
D4821	8-719-987-43	s	LED CL-150PG-CD
D4822	8-719-987-43	s	LED CL-150PG-CD
D4823	8-719-987-43	s	LED CL-150PG-CD
D4824	8-719-987-43	s	LED CL-150PG-CD
D4825	8-719-987-43	s	LED CL-150PG-CD
D4826	8-719-987-43	s	LED CL-150PG-CD
D4827	8-719-987-43	s	LED CL-150PG-CD
D4828	8-719-987-43	s	LED CL-150PG-CD
D4829	8-719-987-43	s	LED CL-150PG-CD
D4830	8-719-987-43	s	LED CL-150PG-CD
D4831	8-719-987-43	s	LED CL-150PG-CD
D4832	8-719-987-43	s	LED CL-150PG-CD
D4833	8-719-987-43	s	LED CL-150PG-CD
D4834	8-719-987-43	s	LED CL-150PG-CD
D4835	8-719-987-43	s	LED CL-150PG-CD
D4836	8-719-987-43	s	LED CL-150PG-CD
D5403	8-719-027-84	s	LED CL-155VR/G-D
D5404	8-719-027-84	s	LED CL-155VR/G-D
D5701	8-719-987-43	s	LED CL-150PG-CD
D5702	8-719-987-43	s	LED CL-150PG-CD
D5703	8-719-987-43	s	LED CL-150PG-CD
D5704	8-719-987-43	s	LED CL-150PG-CD
D5705	8-719-800-76	s	DIODE 1SS226
D5706	8-719-914-44	s	DIODE DAP202K (DUAL)
D5707	8-719-914-44	s	DIODE DAP202K (DUAL)
D5708	8-719-914-44	s	DIODE DAP202K (DUAL)
D5709	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D5710	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D5711	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D5712	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D5713	8-719-914-44	s	DIODE DAP202K (DUAL)
D5714	8-719-914-44	s	DIODE DAP202K (DUAL)
D6001	8-719-987-43	s	LED CL-150PG-CD
D6003	8-719-938-75	s	DIODE SB05-05CP (RECTI)

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Ref. No. or Q'ty	Part No.	SP	Description
D6005	8-719-938-75	s	DIODE SB05-05CP (RECTI)
D6009	8-719-987-43	s	LED CL-150PG-CD
D6010	8-719-987-43	s	LED CL-150PG-CD
DD6001	1-418-777-11	s	CONVERTER UNIT, DC-DC
DD6002	1-418-777-11	s	CONVERTER UNIT, DC-DC
F5701 ⚠	1-576-329-11	s	FUSE CHIP 10A/125V (6125)
F5702 ⚠	1-576-329-11	s	FUSE CHIP 10A/125V (6125)
F6001 ⚠	1-576-329-11	s	FUSE CHIP 10A/125V (6125)
F6003 ⚠	1-576-329-11	s	FUSE CHIP 10A/125V (6125)
IC1	8-759-638-54	o	IC TQ8033
IC301	8-759-638-54	o	IC TQ8033
IC601	8-759-569-56	s	IC MC100EL57DR2
IC602	8-759-569-56	s	IC MC100EL57DR2
IC603	8-759-569-56	s	IC MC100EL57DR2
IC604	8-759-569-56	s	IC MC100EL57DR2
IC605	8-759-569-56	s	IC MC100EL57DR2
IC606	8-759-569-56	s	IC MC100EL57DR2
IC607	8-759-569-56	s	IC MC100EL57DR2
IC608	8-759-569-56	s	IC MC100EL57DR2
IC901	8-759-569-56	s	IC MC100EL57DR2
IC902	8-759-569-56	s	IC MC100EL57DR2
IC903	8-759-569-56	s	IC MC100EL57DR2
IC904	8-759-569-56	s	IC MC100EL57DR2
IC905	8-759-569-56	s	IC MC100EL57DR2
IC906	8-759-569-56	s	IC MC100EL57DR2
IC907	8-759-569-56	s	IC MC100EL57DR2
IC908	8-759-569-56	s	IC MC100EL57DR2
IC1201	8-759-569-56	s	IC MC100EL57DR2
IC1202	8-759-569-56	s	IC MC100EL57DR2
IC1203	8-759-569-56	s	IC MC100EL57DR2
IC1204	8-759-569-56	s	IC MC100EL57DR2
IC1205	8-759-569-56	s	IC MC100EL57DR2
IC1206	8-759-569-56	s	IC MC100EL57DR2
IC1207	8-759-569-56	s	IC MC100EL57DR2
IC1208	8-759-569-56	s	IC MC100EL57DR2
IC1501	8-759-569-56	s	IC MC100EL57DR2
IC1502	8-759-569-56	s	IC MC100EL57DR2
IC1503	8-759-569-56	s	IC MC100EL57DR2
IC1504	8-759-569-56	s	IC MC100EL57DR2
IC1505	8-759-569-56	s	IC MC100EL57DR2
IC1506	8-759-569-56	s	IC MC100EL57DR2
IC1507	8-759-569-56	s	IC MC100EL57DR2
IC1508	8-759-569-56	s	IC MC100EL57DR2
IC1801	8-759-569-56	s	IC MC100EL57DR2
IC1802	8-759-643-03	s	IC GS1515-CTM
IC1803	8-759-422-39	s	IC MC100EL11DR2
IC2101	8-759-643-03	s	IC GS1515-CTM
IC2102	8-759-643-03	s	IC GS1515-CTM
IC2103	8-759-643-03	s	IC GS1515-CTM
IC2104	8-759-643-03	s	IC GS1515-CTM
IC2401	8-759-643-03	s	IC GS1515-CTM
IC2402	8-759-643-03	s	IC GS1515-CTM
IC2403	8-759-643-03	s	IC GS1515-CTM
IC2404	8-759-643-03	s	IC GS1515-CTM
IC2701	8-759-643-03	s	IC GS1515-CTM
IC2702	8-759-643-03	s	IC GS1515-CTM
IC2703	8-759-643-03	s	IC GS1515-CTM
IC2704	8-759-643-03	s	IC GS1515-CTM

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Ref. No. or Q'ty	Part No.	SP	Description
IC3001	8-759-643-03	s	IC GS1515-CTM
IC3002	8-759-643-03	s	IC GS1515-CTM
IC3003	8-759-643-03	s	IC GS1515-CTM
IC3004	8-759-643-03	s	IC GS1515-CTM
IC3301	8-759-643-03	s	IC GS1515-CTM
IC3302	8-759-643-03	s	IC GS1515-CTM
IC3303	8-759-643-03	s	IC GS1515-CTM
IC3304	8-759-643-03	s	IC GS1515-CTM
IC3601	8-759-643-03	s	IC GS1515-CTM
IC3602	8-759-643-03	s	IC GS1515-CTM
IC3603	8-759-643-03	s	IC GS1515-CTM
IC3604	8-759-643-03	s	IC GS1515-CTM
IC3901	8-759-643-03	s	IC GS1515-CTM
IC3902	8-759-643-03	s	IC GS1515-CTM
IC3903	8-759-643-03	s	IC GS1515-CTM
IC3904	8-759-643-03	s	IC GS1515-CTM
IC4201	8-759-643-03	s	IC GS1515-CTM
IC4202	8-759-643-03	s	IC GS1515-CTM
IC4203	8-759-643-03	s	IC GS1515-CTM
IC4204	8-759-643-03	s	IC GS1515-CTM
IC4501	8-759-523-94	s	IC TC74VHC32FT(EL)
IC4502	8-759-523-78	s	IC TC74VHC00FT(EL)
IC4503	8-759-524-04	s	IC TC74VHC125FT (EL)
IC4507	8-759-549-15	s	IC SN74LV245APWR
IC4509	8-759-549-20	s	IC SN74LV541APWR
IC4510	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC4513	8-759-989-91	s	IC TL7705ACPS
IC4521	8-752-381-84	s	IC CXD1095BQ
IC4801	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC4802	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC4803	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC4804	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC4805	8-752-381-84	s	IC CXD1095BQ
IC4806	8-759-523-81	s	IC TC74VHC08FT(EL)
IC5103	8-759-656-27	o	IC 7128QC100-MX96IC5103-V1.00
IC5407	8-759-100-93	s	IC UPC393G2
IC5408	8-759-491-46	s	IC TC74VHCT04AFT (EL)
IC5701	8-759-937-36	s	IC TL1451ACNS
IC6001	8-759-937-36	s	IC TL1451ACNS
L5403	1-415-942-11	s	COIL, CHOKE 220UH
L5404	1-415-942-11	s	COIL, CHOKE 220UH
L5701	1-414-617-11	s	INDUCTOR (POWER) 10UH
L5702	1-414-617-11	s	INDUCTOR (POWER) 10UH
L5703	1-416-221-11	s	COIL, CHOKE
L5704	1-416-221-11	s	COIL, CHOKE
L5705	1-414-617-11	s	INDUCTOR (POWER) 10UH
L5706	1-414-617-11	s	INDUCTOR (POWER) 10UH
L6001	1-414-617-11	s	INDUCTOR (POWER) 10UH
L6005	1-414-617-11	s	INDUCTOR (POWER) 10UH
L6006	1-416-221-11	s	COIL, CHOKE
Q600	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q601	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q602	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q603	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q604	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q605	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q606	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q607	8-729-105-68	s	TRANSISTOR 2SC3356-K

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Ref. No. or Q'ty	Part No.	SP	Description
Q901	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q902	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q903	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q904	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q905	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q906	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q907	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q908	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1201	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1202	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1203	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1204	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1205	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1206	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1207	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1208	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1501	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1502	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1503	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1504	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1505	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1506	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1507	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1508	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1801	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q4501	8-729-113-22	s	TRANSISTOR FA1L4L-L30
Q4502	8-729-113-22	s	TRANSISTOR FA1L4L-L30
Q4503	8-729-106-60	s	TRANSISTOR 2SB1115A
Q4504	8-729-106-60	s	TRANSISTOR 2SB1115A
Q5701	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q5702	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q5703	8-729-045-53	s	TRANSISTOR SI4431DY-T1
Q5704	8-729-045-53	s	TRANSISTOR SI4431DY-T1
Q5705	8-729-113-22	s	TRANSISTOR FA1L4L-L30
Q5706	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q5707	8-729-112-65	s	TRANSISTOR 2SA1462
Q5708	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q5709	8-729-112-65	s	TRANSISTOR 2SA1462
Q5710	8-729-012-35	s	FET 2SK711-BL
Q5711	8-729-012-35	s	FET 2SK711-BL
Q6001	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q6003	8-729-045-53	s	TRANSISTOR SI4431DY-T1
Q6005	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q6006	8-729-112-65	s	TRANSISTOR 2SA1462
Q6009	8-729-012-35	s	FET 2SK711-BL
R1	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R2	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R3	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R4	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R5	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R6	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R7	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R8	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R9	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R10	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R11	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R12	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R13	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R14	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R15	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R16	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R17	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R18	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R19	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R20	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R21	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R22	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R23	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R24	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R25	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R26	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R27	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R28	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R29	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R30	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R31	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R32	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R33	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R34	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R35	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R36	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R37	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R38	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R39	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R40	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R41	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R42	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R43	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R44	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R45	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R46	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R47	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R48	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R49	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R50	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R51	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R52	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R53	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R54	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R55	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R56	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R57	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R58	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R59	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R60	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R61	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R62	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R63	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R64	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R65	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R66	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R67	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R68	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R69	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R70	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R71	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R72	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R73	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R74	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R75	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R76	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R77	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R78	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R79	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R80	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R81	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R82	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R83	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R84	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R85	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R86	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R87	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R88	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R89	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R90	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R91	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R92	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R93	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R94	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R95	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R96	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R97	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R98	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R99	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R100	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R101	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R102	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R103	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R104	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R105	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R106	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R107	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R108	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R109	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R110	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R111	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R112	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R113	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R114	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R115	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R116	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R117	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R118	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R119	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R120	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R121	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R122	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R123	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R124	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R125	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R126	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R127	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R128	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R129	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R130	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R131	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R301	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R302	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R303	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R304	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R305	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R306	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R307	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R308	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R309	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R310	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R311	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R312	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R313	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R314	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R315	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R316	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R317	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R318	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R319	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R320	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R321	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R322	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R323	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R324	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R325	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R326	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R327	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R328	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R329	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R330	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R331	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R332	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R333	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R334	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R335	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R336	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R337	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R338	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R339	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R340	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R341	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R342	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R343	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R344	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R345	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R346	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R347	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R348	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R349	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R350	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R351	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R352	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R353	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R354	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R355	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R356	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R357	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R358	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R359	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R360	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)

Ref. No. or Q’ty	Part No.	SP	Description
R361	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R362	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R363	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R364	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R365	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R366	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R367	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R368	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R369	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R370	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R371	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R372	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R373	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R374	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R375	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R376	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R377	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R378	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R379	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R380	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R381	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R382	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R383	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R384	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R385	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R386	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R387	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R388	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R389	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R390	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R391	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R392	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R393	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R394	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R395	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R396	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R397	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R398	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R399	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R400	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R401	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R402	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R403	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R404	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R405	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R406	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R407	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R408	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R409	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R410	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R411	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R412	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R413	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R414	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R415	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R416	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R417	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R418	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R419	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)

Ref. No. or Q’ty	Part No.	SP	Description
R420	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R421	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R422	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R423	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R424	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R425	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R426	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R427	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R428	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R429	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R430	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R431	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R600	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R601	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R602	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R603	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R604	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R605	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R606	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R607	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R608	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R609	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R610	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R611	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R612	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R613	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R614	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R615	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R616	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R617	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R618	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R619	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R620	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R621	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R622	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R623	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R624	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R625	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R626	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R627	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R628	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R629	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R630	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R631	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R632	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R633	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R634	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R635	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R636	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R637	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R638	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R639	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R640	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R641	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R642	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R643	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R644	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R645	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R646	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R647	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R648	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R649	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R650	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R651	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R652	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R653	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R654	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R655	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R656	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R657	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R658	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R659	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R660	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R661	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R662	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R663	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R664	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R665	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R666	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R667	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R668	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R669	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R670	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R671	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R672	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R673	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R674	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R675	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R676	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R677	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R678	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R679	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R680	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R681	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R682	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R683	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R684	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R685	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R686	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R687	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R688	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R689	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R690	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R691	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R692	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R693	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R694	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R695	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R696	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R697	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R698	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R699	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R700	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R701	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R702	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R703	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R704	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R705	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)

(MX-96 BOARD (HKDS-X3060))

Ref. No. or Q'ty	Part No.	SP	Description
R706	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R707	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R708	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R709	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R710	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R711	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R712	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R713	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R714	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R715	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R716	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R717	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R718	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R719	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R720	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R721	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R722	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R723	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R724	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R725	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R726	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R727	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R728	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R729	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R730	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R731	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R732	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R733	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R734	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R735	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R736	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R737	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R738	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R739	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R740	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R741	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R742	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R743	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R901	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R902	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R903	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R904	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R905	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R906	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R907	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R908	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R909	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R910	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R911	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R912	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R913	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R914	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R915	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R916	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R917	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R918	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R919	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R920	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R921	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R922	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R923	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R924	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R925	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R926	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R927	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R928	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R929	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R930	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R931	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R932	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R933	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R934	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R935	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R936	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R937	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R938	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R939	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R940	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R941	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R942	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R943	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R944	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R945	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R946	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R947	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R948	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R949	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R950	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R951	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R952	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R953	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R954	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R955	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R956	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R957	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R958	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R959	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R960	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R961	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R962	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R963	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R964	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R965	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R966	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R967	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R968	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R969	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R970	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R971	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R972	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R973	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R974	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R975	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R976	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R977	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R978	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R979	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R980	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

Ref. No. or Q'ty	Part No.	SP	Description
R981	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R982	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R983	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R984	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R985	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R986	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R987	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R988	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R989	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R990	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R991	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R992	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R993	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R994	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R995	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R996	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R997	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R998	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R999	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1000	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1001	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1002	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1003	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1004	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1005	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1006	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1007	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1008	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1009	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1010	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1011	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1012	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1013	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1014	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1015	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1016	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1017	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1018	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1019	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1020	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1021	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1022	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1023	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1024	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1025	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1026	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1027	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1028	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1029	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1030	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1031	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1032	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1033	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1034	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1035	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1036	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1037	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1038	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1039	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

Ref. No. or Q'ty	Part No.	SP	Description
R1040	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1041	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1042	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1043	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1044	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1201	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1202	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1203	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1204	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1205	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1206	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1207	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1208	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1209	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1210	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1211	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1212	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1213	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1214	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1215	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1216	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1217	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1218	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1219	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1220	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1221	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1222	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1223	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1224	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1225	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1226	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1227	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1228	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1229	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1230	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1231	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1232	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1233	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1234	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1235	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1236	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1237	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1238	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1239	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1240	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1241	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1242	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1243	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1244	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1245	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1246	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1247	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1248	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1249	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1250	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1251	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1252	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1253	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1254	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R1255	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1256	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1257	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1258	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1259	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1260	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1261	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1262	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1263	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1264	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1265	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1266	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1267	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1268	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1269	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1270	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1271	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1272	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1273	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1274	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1275	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1276	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1277	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1278	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1279	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1280	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1281	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1282	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1283	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1284	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1285	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1286	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1287	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1288	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1289	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1290	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1291	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1292	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1293	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1294	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1295	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1296	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1297	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1298	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1299	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1300	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1301	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1302	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1303	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1304	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1305	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1306	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1307	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1308	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1309	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1310	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1311	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1312	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1313	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

Ref. No. or Q’ty	Part No.	SP	Description
R1314	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1315	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1316	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1317	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1318	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1319	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1320	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1321	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1322	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1323	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1324	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1325	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1326	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1327	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1328	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1329	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1330	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1331	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1332	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1333	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1334	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1335	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1336	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1337	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1338	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1339	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1340	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1341	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1342	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1343	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1344	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1501	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1502	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1503	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1504	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1505	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1506	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1507	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1508	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1509	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1510	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1511	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1512	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1513	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1514	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1515	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1516	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1517	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1518	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1519	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1520	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1521	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1522	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1523	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1524	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1525	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1526	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1527	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1528	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

Ref. No. or Q’ty	Part No.	SP	Description
R1529	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1530	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1531	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1532	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1533	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1534	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1535	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1536	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1537	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1538	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1539	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1540	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1541	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1542	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1543	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1544	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1545	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1546	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1547	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1548	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1549	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1550	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1551	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1552	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1553	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1554	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1555	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1556	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1557	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1558	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1559	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1560	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1561	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1562	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1563	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1564	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1565	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1566	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1567	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1568	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1569	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1570	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1571	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1572	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1573	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1574	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1575	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1576	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1577	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1578	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1579	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1580	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1581	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1582	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1583	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1584	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1585	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1586	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1587	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R1588	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1589	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1590	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1591	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1592	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1593	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1594	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1595	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1596	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1597	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1598	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1599	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1600	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1601	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1602	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1603	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1604	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1605	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1606	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1607	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1608	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1609	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1610	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1611	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1612	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1613	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1614	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1615	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1616	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1617	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1618	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1619	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1620	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1621	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1622	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1623	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1624	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1625	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1626	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1627	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1628	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1629	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1630	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1631	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1632	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1633	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1634	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1635	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1636	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1637	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1638	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1639	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1640	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1641	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1642	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1643	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1644	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1801	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1802	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R1803	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1804	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1805	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1806	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1807	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1808	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1809	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1810	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1811	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1812	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1813	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1814	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1815	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1816	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1817	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1818	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R1819	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1820	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1821	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1822	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R1823	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1824	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1825	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1826	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1827	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1828	1-218-661-11	s	RESISTOR,CHIP 51 1/16W (1608)
R1829	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1830	1-218-654-11	s	RESISTOR CHIP 27 1/16W (1608)
R1831	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1832	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1833	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1834	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1835	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1836	1-218-680-11	s	RESISTOR,CHIP 330 1/16W (1608)
R1838	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R1839	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1840	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1841	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1842	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1843	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1844	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1845	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1846	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1847	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1848	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1849	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1850	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1851	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1852	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1853	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1854	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1855	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1856	1-218-712-11	s	RESISTOR,METAL 6.8K 1/16W
R1857	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1858	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1859	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1860	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1861	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1862	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)

(MX-96 BOARD (HKDS-X3060))

Ref. No. or Q'ty	Part No.	SP	Description
R1863	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1864	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1865	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1866	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1867	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1868	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1869	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1870	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1871	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R1872	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R1901	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1902	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1903	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1904	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R2103	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2104	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2105	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2106	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2107	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2108	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2109	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2110	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2111	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2112	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2115	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2116	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2117	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2118	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2119	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2120	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2121	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2122	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2123	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2124	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2125	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R2126	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R2127	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R2128	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R2129	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R2130	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R2131	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R2132	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R2403	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2404	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2405	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2406	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2407	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2408	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2409	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2410	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2411	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2412	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2415	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2416	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2417	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2418	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2419	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2420	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2421	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)

(MX-96 BOARD (HKDS-X3060))

Ref. No. or Q'ty	Part No.	SP	Description
R2422	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2423	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2424	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2425	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R2426	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R2427	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R2428	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R2429	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R2430	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R2431	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R2432	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R2703	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2704	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2705	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2706	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2707	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2708	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2709	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2710	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2711	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2712	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2715	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2716	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2717	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2718	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2719	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2720	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2721	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2722	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2723	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2724	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2725	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R2726	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R2727	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R2728	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R2729	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R2730	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R2731	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R2732	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3003	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3004	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3005	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3006	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3007	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3008	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3009	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3010	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3011	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3012	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3015	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3016	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3017	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3018	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3019	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3020	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3021	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3022	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3023	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3024	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R3025	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R3026	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R3027	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R3028	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R3029	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3030	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3031	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3032	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3303	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3304	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3305	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3306	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3307	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3308	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3309	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3310	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3311	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3312	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3315	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3316	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3317	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3318	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3319	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3320	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3321	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3322	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3323	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3324	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3325	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R3326	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R3327	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R3328	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R3329	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3330	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3331	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3332	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3603	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3604	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3605	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3606	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3607	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3608	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3609	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3610	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3611	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3612	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3615	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3616	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3617	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3618	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3619	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3620	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3621	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3622	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3623	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3624	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3625	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R3626	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R3627	1-218-644-11	s	RESISTOR,METAL 10 1/16W

Ref. No. or Q'ty	Part No.	SP	Description
R3628	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R3629	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3630	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3631	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3632	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3903	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3904	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3905	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3906	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3907	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3908	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3909	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3910	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3911	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3912	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3915	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3916	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R3917	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3918	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3919	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3920	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3921	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3922	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3923	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3924	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R3925	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R3926	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R3927	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R3928	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R3929	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3930	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3931	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R3932	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R4203	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R4204	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R4205	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R4206	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R4207	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R4208	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R4209	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R4210	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R4211	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R4212	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R4215	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R4216	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R4217	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R4218	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R4219	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R4220	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R4221	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R4222	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R4223	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R4224	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R4225	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R4226	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R4227	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R4228	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R4229	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R4230	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)

(MX-96 BOARD (HKDS-X3060))

Ref. No. or Q’ty	Part No.	SP	Description
R4231	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R4232	1-218-648-11	s	RESISTOR CHIP 15 1/16W(1608)
R4501	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R4502	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R4503	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R4504	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R4505	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R4506	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R4507	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R4508	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R4509	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R4510	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R4511	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R4516	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R4517	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R4518	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R4519	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R4520	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R4521	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R4522	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R4523	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R4526	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R5401	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R5402	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R5403	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R5404	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R5405	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R5406	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R5407	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R5408	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R5409	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R5410	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R5411	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R5412	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R5413	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R5414	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R5701	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R5702	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R5703	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R5704	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R5705	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R5706	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R5707	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R5708	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R5709	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R5710	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R5711	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R5712	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R5713	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R5714	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R5715	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R5716	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R5717	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R5718	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R5719	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R5720	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R5721	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R5722	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R5723	1-218-703-11	s	RESISTOR,METAL 3.0K 1/16(1608)

(MX-96 BOARD (HKDS-X3060))

Ref. No. or Q’ty	Part No.	SP	Description
R5724	1-218-685-11	s	RESISTOR, METAL FILM 510 1/16W
R5725	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R5726	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R5727	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R5728	1-218-703-11	s	RESISTOR,METAL 3.0K 1/16(1608)
R5729	1-218-685-11	s	RESISTOR, METAL FILM 510 1/16W
R5730	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R5731	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R5732	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R5733	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R5734	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R5735	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R5736	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R5737	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R5738	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R5739	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R5740	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R5741	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R5742	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R5743	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R5744	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R6001	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R6002	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R6005	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R6006	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R6009	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R6010	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R6013	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R6014	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R6020	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R6022	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R6023	1-218-703-11	s	RESISTOR,METAL 3.0K 1/16(1608)
R6024	1-218-685-11	s	RESISTOR, METAL FILM 510 1/16W
R6025	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R6028	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R6030	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R6031	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R6032	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R6033	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R6034	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R6037	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R6039	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R6040	1-218-691-11	s	RESISTOR,CHIP 910 1/16W (1608)
R6041	1-218-691-11	s	RESISTOR,CHIP 910 1/16W (1608)
RB1	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB2	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB3	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB301	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB302	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB303	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB1801	1-239-305-11	s	RESISTOR ARRAY,CHIP 4.7K
RB1802	1-239-305-11	s	RESISTOR ARRAY,CHIP 4.7K
RB1803	1-239-305-11	s	RESISTOR ARRAY,CHIP 4.7K
RB1804	1-239-305-11	s	RESISTOR ARRAY,CHIP 4.7K
RB4501	1-239-286-11	s	RESISTOR,NETWORK 22K (1608)
RB4502	1-239-307-11	s	RESISTOR ARRAY,CHIP 22K
RB4504	1-239-307-11	s	RESISTOR ARRAY,CHIP 22K
RB4505	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB4506	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)

Ref. No. or Q’ty	Part No.	SP	Description
RB4507	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB4510	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB4511	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB4512	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB4513	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB4514	1-236-907-11	s	RESISTOR BLOCK 100K (1608)
RB4515	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB4516	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB4517	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB4519	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB4520	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB4521	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB4522	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB4523	1-239-292-11	s	RESISTOR ARRAY, CHIP 33K
RB4524	1-239-292-11	s	RESISTOR ARRAY, CHIP 33K
RB4525	1-239-436-11	s	RESISTOR, NETWORK 33K (1608)
RB4801	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB4802	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB4803	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB4804	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB4805	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB4806	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB4807	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB4808	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB4809	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB4810	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB4811	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB4812	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB4813	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB4814	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB4815	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB4816	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB4817	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB4818	1-236-904-11	s	RESISTOR NETWORK 1K (1608)
RB5101	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB5102	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
S4801	1-692-536-11	s	SWITCH DIP (8P)
TH5401 ⚠	1-808-819-11	s	THERMISTOR (CHIP)
X1801	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X2101	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X2102	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X2103	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X2104	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X2401	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X2402	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X2403	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X2404	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X2701	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X2702	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X2703	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X2704	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X3001	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X3002	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X3003	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X3004	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X3301	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X3302	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL

Ref. No. or Q’ty	Part No.	SP	Description
X3303	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X3304	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X3601	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X3602	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X3603	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X3604	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X3901	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X3902	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X3903	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X3904	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X4201	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X4202	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X4203	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X4204	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL

RM-185 BOARD (HDS-X3600)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8323-962-A	o	MOUNTED CIRCUIT BOARD, RM-185
2pcs	7-621-770-87	s	SCREW +B2.6X5(EP-FE/CU,NI,CR)
CN1	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN2	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)
CN3	1-793-324-11	o	CONNECTOR, COAXIAL (BNC TYPE)

RP-115 BOARD (HDS-X3600)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-8323-961-A	o	MOUNTED CIRCUIT BOARD, RP-115
2pcs	7-682-545-04	s	SCREW +B3X4(EP-FE/CU,NI,CR)
1pc	2-133-531-01	o	SCREW, CONNECTOR (STEEL)
CN1	1-563-890-21	s	SOCKET,D-SUB CONNECTOR (9P)
CN2	1-563-890-21	s	SOCKET,D-SUB CONNECTOR (9P)
CN3	1-566-440-21	s	PIN, D-SUB CONNECTOR 9P
CN4	1-778-999-11	s	CONNECTOR, D-SUB (RECEPTACLE)
FB1	1-410-396-41	s	FERRITE BEAD INDUCTOR 0.45UH
FB2	1-410-396-41	s	FERRITE BEAD INDUCTOR 0.45UH
FB3	1-410-396-41	s	FERRITE BEAD INDUCTOR 0.45UH
FB4	1-410-396-41	s	FERRITE BEAD INDUCTOR 0.45UH

SW-1001 BOARD (BKS-R3400)

Ref. No. or Q'ty	Part No.	SP	Description
C101	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C102	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C103	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C104	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C105	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C106	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C107	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C108	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C109	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C110	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C111	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C201	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C202	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C203	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C204	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C205	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C206	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C207	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C208	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C209	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C210	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C211	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C212	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C301	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C302	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C303	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C304	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C305	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C306	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C307	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C308	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C309	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C310	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C311	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
C312	1-109-982-11	s	CAPACITOR,CHIP CERAMIC 1MF/10V
CN1	1-563-590-11	s	CONNECTOR,SOCKET FPC/FFC (13P)
CN2	1-563-590-11	s	CONNECTOR,SOCKET FPC/FFC (13P)
D101	8-719-801-78	s	DIODE 1SS184
D102	8-719-801-78	s	DIODE 1SS184
D103	8-719-801-78	s	DIODE 1SS184
D104	8-719-801-78	s	DIODE 1SS184
D105	8-719-801-78	s	DIODE 1SS184
D201	8-719-801-78	s	DIODE 1SS184
D202	8-719-801-78	s	DIODE 1SS184
D203	8-719-801-78	s	DIODE 1SS184
D204	8-719-801-78	s	DIODE 1SS184
D205	8-719-801-78	s	DIODE 1SS184
D206	8-719-801-78	s	DIODE 1SS184
D207	8-719-801-78	s	DIODE 1SS184
D208	8-719-801-78	s	DIODE 1SS184
D301	8-719-801-78	s	DIODE 1SS184
D302	8-719-801-78	s	DIODE 1SS184
D303	8-719-801-78	s	DIODE 1SS184
D304	8-719-801-78	s	DIODE 1SS184
D305	8-719-801-78	s	DIODE 1SS184
D306	8-719-801-78	s	DIODE 1SS184
D307	8-719-801-78	s	DIODE 1SS184
D308	8-719-801-78	s	DIODE 1SS184

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(SW-1001 BOARD (BKS-R3400))

Ref. No. or Q'ty	Part No.	SP	Description
IC101	8-759-548-96	s	IC SN74LV02APWR
IC104	8-759-549-04	s	IC SN74LV138APWR
IC105	8-759-549-04	s	IC SN74LV138APWR
IC106	8-759-549-04	s	IC SN74LV138APWR
IC107	8-759-549-04	s	IC SN74LV138APWR
IC110	8-759-549-22	s	IC SN74LV574APWR
IC201	8-759-549-22	s	IC SN74LV574APWR
IC202	8-759-549-22	s	IC SN74LV574APWR
IC203	8-759-549-22	s	IC SN74LV574APWR
IC204	8-759-549-22	s	IC SN74LV574APWR
IC205	8-759-549-22	s	IC SN74LV574APWR
IC206	8-759-549-22	s	IC SN74LV574APWR
IC207	8-759-549-22	s	IC SN74LV574APWR
IC208	8-759-549-22	s	IC SN74LV574APWR
IC301	8-759-549-22	s	IC SN74LV574APWR
IC302	8-759-549-22	s	IC SN74LV574APWR
IC303	8-759-549-22	s	IC SN74LV574APWR
IC304	8-759-549-22	s	IC SN74LV574APWR
IC305	8-759-549-22	s	IC SN74LV574APWR
IC306	8-759-549-22	s	IC SN74LV574APWR
IC307	8-759-549-22	s	IC SN74LV574APWR
IC308	8-759-549-22	s	IC SN74LV574APWR
JC102	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
JC103	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
JC104	1-216-295-91	s	RESISTOR, CHIP 0 (1/10W)
Q101	8-729-900-53	s	TRANSISTOR DTC114EK
Q102	8-729-900-53	s	TRANSISTOR DTC114EK
Q103	8-729-900-53	s	TRANSISTOR DTC114EK
Q104	8-729-900-53	s	TRANSISTOR DTC114EK
Q105	8-729-900-53	s	TRANSISTOR DTC114EK
Q201	8-729-900-53	s	TRANSISTOR DTC114EK
Q202	8-729-900-53	s	TRANSISTOR DTC114EK
Q203	8-729-900-53	s	TRANSISTOR DTC114EK
Q204	8-729-900-53	s	TRANSISTOR DTC114EK
Q205	8-729-900-53	s	TRANSISTOR DTC114EK
Q206	8-729-900-53	s	TRANSISTOR DTC114EK
Q207	8-729-900-53	s	TRANSISTOR DTC114EK
Q208	8-729-900-53	s	TRANSISTOR DTC114EK
Q209	8-729-900-53	s	TRANSISTOR DTC114EK
Q210	8-729-900-53	s	TRANSISTOR DTC114EK
Q211	8-729-900-53	s	TRANSISTOR DTC114EK
Q212	8-729-900-53	s	TRANSISTOR DTC114EK
Q213	8-729-900-53	s	TRANSISTOR DTC114EK
Q214	8-729-900-53	s	TRANSISTOR DTC114EK
Q215	8-729-900-53	s	TRANSISTOR DTC114EK
Q216	8-729-900-53	s	TRANSISTOR DTC114EK
Q217	8-729-900-53	s	TRANSISTOR DTC114EK
Q218	8-729-900-53	s	TRANSISTOR DTC114EK
Q219	8-729-900-53	s	TRANSISTOR DTC114EK
Q220	8-729-900-53	s	TRANSISTOR DTC114EK
Q221	8-729-900-53	s	TRANSISTOR DTC114EK
Q222	8-729-900-53	s	TRANSISTOR DTC114EK
Q223	8-729-900-53	s	TRANSISTOR DTC114EK
Q224	8-729-900-53	s	TRANSISTOR DTC114EK
Q225	8-729-900-53	s	TRANSISTOR DTC114EK
Q226	8-729-900-53	s	TRANSISTOR DTC114EK
Q227	8-729-900-53	s	TRANSISTOR DTC114EK
Q228	8-729-900-53	s	TRANSISTOR DTC114EK

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Ref. No. or Q'ty	Part No.	SP	Description
Q229	8-729-900-53	s	TRANSISTOR DTC114EK
Q230	8-729-900-53	s	TRANSISTOR DTC114EK
Q231	8-729-900-53	s	TRANSISTOR DTC114EK
Q232	8-729-900-53	s	TRANSISTOR DTC114EK
Q233	8-729-900-53	s	TRANSISTOR DTC114EK
Q234	8-729-900-53	s	TRANSISTOR DTC114EK
Q235	8-729-900-53	s	TRANSISTOR DTC114EK
Q236	8-729-900-53	s	TRANSISTOR DTC114EK
Q237	8-729-900-53	s	TRANSISTOR DTC114EK
Q238	8-729-900-53	s	TRANSISTOR DTC114EK
Q239	8-729-900-53	s	TRANSISTOR DTC114EK
Q240	8-729-900-53	s	TRANSISTOR DTC114EK
Q241	8-729-900-53	s	TRANSISTOR DTC114EK
Q242	8-729-900-53	s	TRANSISTOR DTC114EK
Q243	8-729-900-53	s	TRANSISTOR DTC114EK
Q244	8-729-900-53	s	TRANSISTOR DTC114EK
Q245	8-729-900-53	s	TRANSISTOR DTC114EK
Q246	8-729-900-53	s	TRANSISTOR DTC114EK
Q247	8-729-900-53	s	TRANSISTOR DTC114EK
Q248	8-729-900-53	s	TRANSISTOR DTC114EK
Q249	8-729-900-53	s	TRANSISTOR DTC114EK
Q250	8-729-900-53	s	TRANSISTOR DTC114EK
Q251	8-729-900-53	s	TRANSISTOR DTC114EK
Q252	8-729-900-53	s	TRANSISTOR DTC114EK
Q253	8-729-900-53	s	TRANSISTOR DTC114EK
Q254	8-729-900-53	s	TRANSISTOR DTC114EK
Q255	8-729-900-53	s	TRANSISTOR DTC114EK
Q256	8-729-900-53	s	TRANSISTOR DTC114EK
Q257	8-729-900-53	s	TRANSISTOR DTC114EK
Q258	8-729-900-53	s	TRANSISTOR DTC114EK
Q259	8-729-900-53	s	TRANSISTOR DTC114EK
Q260	8-729-900-53	s	TRANSISTOR DTC114EK
Q261	8-729-900-53	s	TRANSISTOR DTC114EK
Q262	8-729-900-53	s	TRANSISTOR DTC114EK
Q263	8-729-900-53	s	TRANSISTOR DTC114EK
Q264	8-729-900-53	s	TRANSISTOR DTC114EK
Q301	8-729-900-53	s	TRANSISTOR DTC114EK
Q302	8-729-900-53	s	TRANSISTOR DTC114EK
Q303	8-729-900-53	s	TRANSISTOR DTC114EK
Q304	8-729-900-53	s	TRANSISTOR DTC114EK
Q305	8-729-900-53	s	TRANSISTOR DTC114EK
Q306	8-729-900-53	s	TRANSISTOR DTC114EK
Q307	8-729-900-53	s	TRANSISTOR DTC114EK
Q308	8-729-900-53	s	TRANSISTOR DTC114EK
Q309	8-729-900-53	s	TRANSISTOR DTC114EK
Q310	8-729-900-53	s	TRANSISTOR DTC114EK
Q311	8-729-900-53	s	TRANSISTOR DTC114EK
Q312	8-729-900-53	s	TRANSISTOR DTC114EK
Q313	8-729-900-53	s	TRANSISTOR DTC114EK
Q314	8-729-900-53	s	TRANSISTOR DTC114EK
Q315	8-729-900-53	s	TRANSISTOR DTC114EK
Q316	8-729-900-53	s	TRANSISTOR DTC114EK
Q317	8-729-900-53	s	TRANSISTOR DTC114EK
Q318	8-729-900-53	s	TRANSISTOR DTC114EK
Q319	8-729-900-53	s	TRANSISTOR DTC114EK
Q320	8-729-900-53	s	TRANSISTOR DTC114EK
Q321	8-729-900-53	s	TRANSISTOR DTC114EK
Q322	8-729-900-53	s	TRANSISTOR DTC114EK
Q323	8-729-900-53	s	TRANSISTOR DTC114EK

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Ref. No. or Q'ty	Part No.	SP	Description
Q324	8-729-900-53	s	TRANSISTOR DTC114EK
Q325	8-729-900-53	s	TRANSISTOR DTC114EK
Q326	8-729-900-53	s	TRANSISTOR DTC114EK
Q327	8-729-900-53	s	TRANSISTOR DTC114EK
Q328	8-729-900-53	s	TRANSISTOR DTC114EK
Q329	8-729-900-53	s	TRANSISTOR DTC114EK
Q330	8-729-900-53	s	TRANSISTOR DTC114EK
Q331	8-729-900-53	s	TRANSISTOR DTC114EK
Q332	8-729-900-53	s	TRANSISTOR DTC114EK
Q333	8-729-900-53	s	TRANSISTOR DTC114EK
Q334	8-729-900-53	s	TRANSISTOR DTC114EK
Q335	8-729-900-53	s	TRANSISTOR DTC114EK
Q336	8-729-900-53	s	TRANSISTOR DTC114EK
Q337	8-729-900-53	s	TRANSISTOR DTC114EK
Q338	8-729-900-53	s	TRANSISTOR DTC114EK
Q339	8-729-900-53	s	TRANSISTOR DTC114EK
Q340	8-729-900-53	s	TRANSISTOR DTC114EK
Q341	8-729-900-53	s	TRANSISTOR DTC114EK
Q342	8-729-900-53	s	TRANSISTOR DTC114EK
Q343	8-729-900-53	s	TRANSISTOR DTC114EK
Q344	8-729-900-53	s	TRANSISTOR DTC114EK
Q345	8-729-900-53	s	TRANSISTOR DTC114EK
Q346	8-729-900-53	s	TRANSISTOR DTC114EK
Q347	8-729-900-53	s	TRANSISTOR DTC114EK
Q348	8-729-900-53	s	TRANSISTOR DTC114EK
Q349	8-729-900-53	s	TRANSISTOR DTC114EK
Q350	8-729-900-53	s	TRANSISTOR DTC114EK
Q351	8-729-900-53	s	TRANSISTOR DTC114EK
Q352	8-729-900-53	s	TRANSISTOR DTC114EK
Q353	8-729-900-53	s	TRANSISTOR DTC114EK
Q354	8-729-900-53	s	TRANSISTOR DTC114EK
Q355	8-729-900-53	s	TRANSISTOR DTC114EK
Q356	8-729-900-53	s	TRANSISTOR DTC114EK
Q357	8-729-900-53	s	TRANSISTOR DTC114EK
Q358	8-729-900-53	s	TRANSISTOR DTC114EK
Q359	8-729-900-53	s	TRANSISTOR DTC114EK
Q360	8-729-900-53	s	TRANSISTOR DTC114EK
Q361	8-729-900-53	s	TRANSISTOR DTC114EK
Q362	8-729-900-53	s	TRANSISTOR DTC114EK
Q363	8-729-900-53	s	TRANSISTOR DTC114EK
Q364	8-729-900-53	s	TRANSISTOR DTC114EK
R102	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R103	1-216-643-11	s	RESISTOR,CHIP 470 1/10W (2012)
R104	1-218-768-11	s	RESISTOR,CHIP 470K 1/10W(2012)
R106	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R107	1-216-667-11	s	RESISTOR,CHIP 4.7K 1/10W(2012)
R108	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R109	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R110	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R111	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R201	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R202	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R203	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R204	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R205	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R206	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R207	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R208	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R209	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R210	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R211	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R212	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R213	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R214	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R215	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R216	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R217	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R218	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R219	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R220	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R221	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R222	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R223	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R224	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R225	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R226	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R227	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R228	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R229	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R230	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R231	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R232	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R233	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R234	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R235	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R236	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R237	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R238	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R239	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R240	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R241	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R242	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R243	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R244	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R245	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R246	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R247	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R248	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R249	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R250	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R251	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R252	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R253	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R254	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R255	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R256	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R257	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R258	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R259	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R260	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R261	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R262	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R263	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R264	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R301	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R302	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R303	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)

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Ref. No. or Q'ty	Part No.	SP	Description
R304	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R305	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R306	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R307	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R308	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R309	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R310	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R311	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R312	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R313	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R314	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R315	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R316	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R317	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R318	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R319	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R320	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R321	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R322	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R323	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R324	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R325	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R326	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R327	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R328	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R329	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R330	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R331	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R332	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R333	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R334	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R335	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R336	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R337	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R338	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R339	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R340	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R341	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R342	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R343	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R344	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R345	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R346	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R347	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R348	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R349	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R350	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R351	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R352	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R353	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R354	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R355	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R356	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R357	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R358	1-216-630-11	s	RESISTOR,CHIP 130 1/10W(2012)
R359	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R360	1-216-646-11	s	RESISTOR,CHIP 620 1/10W (2012)
R361	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R362	1-216-645-11	s	RESISTOR,CHIP 560 1/10W(2012)
R363	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
R364	1-216-663-11	s	RESISTOR,CHIP 3.3K 1/10W(2012)
RB101	1-239-303-11	s	RESISTOR ARRAY,CHIP 1K
RB102	1-239-303-11	s	RESISTOR ARRAY,CHIP 1K
S101	1-771-885-11	s	SWITCH, TACTILE
S102	1-771-885-11	s	SWITCH, TACTILE
S103	1-771-885-11	s	SWITCH, TACTILE
S104	1-771-885-11	s	SWITCH, TACTILE
S201	1-771-886-11	s	SWITCH, TACTILE
S202	1-771-886-11	s	SWITCH, TACTILE
S203	1-771-886-11	s	SWITCH, TACTILE
S204	1-771-886-11	s	SWITCH, TACTILE
S205	1-771-886-11	s	SWITCH, TACTILE
S206	1-771-886-11	s	SWITCH, TACTILE
S207	1-771-886-11	s	SWITCH, TACTILE
S208	1-771-886-11	s	SWITCH, TACTILE
S209	1-771-886-11	s	SWITCH, TACTILE
S210	1-771-886-11	s	SWITCH, TACTILE
S211	1-771-886-11	s	SWITCH, TACTILE
S212	1-771-886-11	s	SWITCH, TACTILE
S213	1-771-886-11	s	SWITCH, TACTILE
S214	1-771-886-11	s	SWITCH, TACTILE
S215	1-771-886-11	s	SWITCH, TACTILE
S216	1-771-886-11	s	SWITCH, TACTILE
S301	1-771-886-11	s	SWITCH, TACTILE
S302	1-771-886-11	s	SWITCH, TACTILE
S303	1-771-886-11	s	SWITCH, TACTILE
S304	1-771-886-11	s	SWITCH, TACTILE
S305	1-771-886-11	s	SWITCH, TACTILE
S306	1-771-886-11	s	SWITCH, TACTILE
S307	1-771-886-11	s	SWITCH, TACTILE
S308	1-771-886-11	s	SWITCH, TACTILE
S309	1-771-886-11	s	SWITCH, TACTILE
S310	1-771-886-11	s	SWITCH, TACTILE
S311	1-771-886-11	s	SWITCH, TACTILE
S312	1-771-886-11	s	SWITCH, TACTILE
S313	1-771-886-11	s	SWITCH, TACTILE
S314	1-771-886-11	s	SWITCH, TACTILE
S315	1-771-886-11	s	SWITCH, TACTILE
S316	1-771-886-11	s	SWITCH, TACTILE

(SW-1001 BOARD (BKS-R3400))

VSW-68 BOARD (HDS-X3400)

Ref. No. or Q'ty	Part No.	SP	Description
1pc	1-550-104-21	s	HOLDER,BATTERY
1pc	7-685-104-21	s	SCREW,+PTP 2X6(EP-FE/ZN/CM2)
C1	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C4	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C5	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C6	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C7	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C8	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C9	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C10	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C11	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C12	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C13	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C14	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C15	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C16	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C17	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C18	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C19	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C20	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C21	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C22	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C23	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C24	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C25	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C26	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C27	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C28	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C29	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C30	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C31	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C32	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C33	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C34	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C35	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C36	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C37	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C38	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C39	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C40	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C41	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C42	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C43	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C44	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C45	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C46	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C47	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C48	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C49	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C201	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C202	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C203	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C204	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C205	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C206	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C207	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C208	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C209	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C210	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C211	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C212	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C213	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C214	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C215	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C216	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C217	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C218	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C219	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C220	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C221	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C222	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C223	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C224	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C225	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C226	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C227	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C228	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C229	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C230	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C231	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C232	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C233	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C234	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C235	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C236	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C237	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C238	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C239	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C240	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C241	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C242	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C243	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C244	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C245	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C246	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C247	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C248	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C249	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C401	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C402	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C403	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C404	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C405	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C406	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C407	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C408	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C409	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C410	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C411	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C412	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C413	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C414	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C415	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C416	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C417	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

Ref. No. or Q'ty	Part No.	SP	Description
C418	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C419	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C420	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C421	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C422	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C423	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C424	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C425	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C426	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C427	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C428	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C429	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C430	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C431	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C432	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C433	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C434	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C435	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C436	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C437	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C438	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C439	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C440	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C441	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C442	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C443	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C444	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C445	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C446	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C447	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C448	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C449	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C450	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C451	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C452	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C453	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C454	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C455	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C456	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C457	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C458	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C459	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C460	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C461	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C462	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C463	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C464	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C465	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C466	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C467	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C468	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C469	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C470	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C471	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C472	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C473	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C474	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C475	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C476	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

Ref. No. or Q'ty	Part No.	SP	Description
C477	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C478	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C479	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C480	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C481	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C482	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C483	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C484	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C485	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C486	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C487	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C488	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C489	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C490	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C491	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C492	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C493	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C494	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C495	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C496	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C497	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C498	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C499	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C500	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C501	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C502	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C503	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C504	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C601	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C602	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C603	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C604	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C605	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C606	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C607	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C608	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C609	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C610	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C611	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C612	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C613	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C614	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C615	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C616	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C617	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C618	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C619	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C620	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C621	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C622	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C623	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C624	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C625	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C626	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C627	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C628	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C629	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C630	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C631	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V

(VSW-68 BOARD (HDS-X3400))

Ref. No. or Q'ty	Part No.	SP	Description
C632	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C633	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C634	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C635	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C636	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C637	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C638	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C639	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C640	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C641	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C642	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C643	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C644	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C645	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C646	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C647	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C648	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C649	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C650	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C651	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C652	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C653	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C654	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C655	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C656	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C657	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C658	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C659	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C660	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C661	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C662	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C663	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C664	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C665	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C666	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C667	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C668	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C669	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C670	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C671	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C672	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C673	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C674	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C675	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C676	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C677	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C678	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C679	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C680	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C801	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C802	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C803	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C804	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C805	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C806	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C807	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C808	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C809	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C810	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
C811	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C812	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C813	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C814	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C815	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C816	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C817	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C818	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C819	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C820	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C821	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C822	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C823	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C824	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C825	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C826	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C827	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C828	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C829	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C830	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C831	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C832	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C833	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C834	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C835	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C836	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C837	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C838	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C839	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C840	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C841	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C842	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C843	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C844	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C845	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C846	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C847	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C848	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C849	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C850	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C851	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C852	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C853	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C854	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C855	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C856	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C857	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C858	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C859	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C860	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C861	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C862	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C863	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C864	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C865	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C866	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C867	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C868	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C869	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V

Ref. No. or Q’ty	Part No.	SP	Description
C870	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C871	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C872	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C873	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C874	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C875	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C876	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C877	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C878	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C879	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C880	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1001	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1002	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1003	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1004	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1005	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1006	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1007	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1008	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1009	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C1010	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1011	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1012	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1013	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C1014	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1015	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C1016	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C1017	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1018	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1019	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1020	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1021	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1022	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1023	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1024	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1025	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1026	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1027	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1028	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1029	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1030	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1031	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1032	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1033	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1034	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1035	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1036	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1037	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1038	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1039	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1040	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1041	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1042	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1043	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1044	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1045	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1046	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1047	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1048	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

Ref. No. or Q’ty	Part No.	SP	Description
C1049	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C1050	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1051	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1052	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1053	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C1054	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1055	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C1056	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C1057	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1058	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1059	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1060	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1061	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1062	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1063	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1064	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1065	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1066	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1067	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1068	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1069	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1070	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1071	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1072	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1073	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1074	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1075	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1076	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1077	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1078	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1079	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1080	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1201	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1202	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1203	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1204	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1205	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1206	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1207	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1208	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1209	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C1210	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1211	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1212	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1213	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C1214	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1215	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C1216	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C1217	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1218	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1219	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1220	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1221	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1222	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1223	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1224	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1225	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1226	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1227	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

Ref. No. or Q'ty	Part No.	SP	Description
C1228	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1229	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1230	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1231	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1232	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1233	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1234	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1235	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1236	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1237	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1238	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1239	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1240	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1241	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1242	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1243	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1244	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1245	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1246	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1247	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1248	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1249	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C1250	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1251	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1252	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1253	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C1254	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C1255	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C1256	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C1257	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1258	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1259	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1260	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1261	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1262	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1263	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1264	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1265	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1266	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1267	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1268	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1269	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1270	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1271	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1272	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1273	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1274	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C1275	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1276	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1277	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1278	1-162-910-11	s	CAPACITOR,CERAMIC 5PF/50V 1608
C1279	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1280	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1403	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1404	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C1405	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1601	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1602	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1603	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1604	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C1605	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1606	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1607	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1801	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1802	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1803	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C1804	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C1805	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1806	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1807	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C1808	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C1811	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C1812	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C1813	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C1814	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C1815	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1816	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1817	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C1818	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C1819	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C1820	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1821	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C1822	1-107-686-11	s	CAPACITOR,CHIP ELECT 4.7MF/16V
C1823	1-107-686-11	s	CAPACITOR,CHIP ELECT 4.7MF/16V
C1824	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C1825	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1826	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1827	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1828	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C1829	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C1830	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C1831	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C2001	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2002	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2003	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2004	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2006	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C2007	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C2008	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2009	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2010	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C2011	1-128-989-11	s	CAPACITOR,POLYPYRROLE 220MF
C2014	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C2015	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C2016	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C2017	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C2018	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2019	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2020	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C2021	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C2022	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C2023	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2024	1-107-689-21	s	CAPACITOR,TANTALUM 1MF/35V
C2025	1-107-686-11	s	CAPACITOR,CHIP ELECT 4.7MF/16V
C2026	1-107-686-11	s	CAPACITOR,CHIP ELECT 4.7MF/16V
C2027	1-104-847-11	s	CAPACITOR,TANTALUM 22MF/4V
C2028	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2029	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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C2030	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2031	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C2032	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C2033	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C2034	1-135-407-11	s	CAPACITOR,POLYPYRROLE 47MF
C2042	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)
C2201	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2202	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2203	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2204	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2205	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2206	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2207	1-104-913-11	s	CAPACITOR,CHIP TANTAL 10MF/16V
C2208	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C2209	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2210	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C2211	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2212	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2213	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2214	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2215	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2216	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2217	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2218	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2219	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2220	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2221	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2222	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2223	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2224	1-107-818-11	s	CAPACITOR,DOUBLE LAYERS 1F/5.5
C2225	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2226	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2401	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2402	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2403	1-104-852-11	s	CAPACITOR,TANTALUM 22MF/10V
C2404	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2405	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C2406	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C2407	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2408	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2601	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2602	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2603	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2604	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2605	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2606	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2607	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2608	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2609	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2610	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2611	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2613	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2614	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2615	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2616	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2617	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2618	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2619	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2620	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

Ref. No. or Q'ty	Part No.	SP	Description
C2621	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2622	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2623	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2624	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C2625	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2626	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C2627	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2628	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2629	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2801	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2803	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C2804	1-162-995-11	s	CAPACITOR,CERAMIC 0.022MF/50V
C2805	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2806	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2807	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2808	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C2810	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C2811	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C2812	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C2813	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2814	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2815	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2817	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2818	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2820	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2821	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2822	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2823	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2824	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2825	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2826	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2827	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2828	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2829	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2830	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C2831	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2832	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2833	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2834	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2835	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C2836	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3001	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3002	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C3004	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3005	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C3006	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3007	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3008	1-131-349-00	s	CAPACITOR,TANTALUME 2.2MF/35V
C3009	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3010	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)
C3011	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3012	1-165-176-11	s	CAPACITOR CERAMIC 47000PF/16V
C3013	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C3014	1-115-416-11	s	CAPACITOR,CERAMIC 1000PF/25V
C3015	1-115-412-11	s	CAPACITOR,CERAMIC 680PF/25V CH
C3016	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3017	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C3018	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C3019	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL

Ref. No. or Q'ty	Part No.	SP	Description	
C3020	1-126-394-11	s	CAPACITOR,ELECT 10MF/16V(CHIP)	
C3201	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)	
C3202	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)	
C3203	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)	
C3204	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)	
C3205	1-115-156-11	s	CAPACITOR, 1MF/10V (1608)	
C3206	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF	
C3207	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF	
CN6	1-563-590-11	s	CONNECTOR,SOCKET FPC/FFC (13P)	
CN7	1-563-590-11	s	CONNECTOR,SOCKET FPC/FFC (13P)	
CN106	1-766-365-11	s	CONNECTOR, BOARD TO BOARD 128P	
CN107	1-766-365-11	s	CONNECTOR, BOARD TO BOARD 128P	
CN300	1-764-177-11	o	PIN,CONNECTOR (7P)(SMD)(1.5MM)	
CN301	1-764-177-11	o	PIN,CONNECTOR (7P)(SMD)(1.5MM)	
CN400	1-560-365-00	o	POST HEADER,CONNECTOR (3P)	
D1	8-719-987-43	s	LED CL-150PG-CD	
D2	8-719-987-43	s	LED CL-150PG-CD	
D3	8-719-987-43	s	LED CL-150PG-CD	
D4	8-719-987-43	s	LED CL-150PG-CD	
D5	8-719-987-43	s	LED CL-150PG-CD	
D6	8-719-987-43	s	LED CL-150PG-CD	
D7	8-719-987-43	s	LED CL-150PG-CD	
D8	8-719-987-43	s	LED CL-150PG-CD	
D201	8-719-987-43	s	LED CL-150PG-CD	
D202	8-719-987-43	s	LED CL-150PG-CD	
D203	8-719-987-43	s	LED CL-150PG-CD	
D204	8-719-987-43	s	LED CL-150PG-CD	
D205	8-719-987-43	s	LED CL-150PG-CD	
D206	8-719-987-43	s	LED CL-150PG-CD	
D207	8-719-987-43	s	LED CL-150PG-CD	
D208	8-719-987-43	s	LED CL-150PG-CD	
D601	8-719-914-44	s	DIODE DAP202K	(DUAL)
D602	8-719-914-44	s	DIODE DAP202K	(DUAL)
D603	8-719-914-44	s	DIODE DAP202K	(DUAL)
D604	8-719-914-44	s	DIODE DAP202K	(DUAL)
D801	8-719-914-44	s	DIODE DAP202K	(DUAL)
D802	8-719-914-44	s	DIODE DAP202K	(DUAL)
D803	8-719-914-44	s	DIODE DAP202K	(DUAL)
D804	8-719-914-44	s	DIODE DAP202K	(DUAL)
D1001	8-719-914-44	s	DIODE DAP202K	(DUAL)
D1002	8-719-914-44	s	DIODE DAP202K	(DUAL)
D1003	8-719-914-44	s	DIODE DAP202K	(DUAL)
D1004	8-719-914-44	s	DIODE DAP202K	(DUAL)
D1201	8-719-914-44	s	DIODE DAP202K	(DUAL)
D1202	8-719-914-44	s	DIODE DAP202K	(DUAL)
D1203	8-719-914-44	s	DIODE DAP202K	(DUAL)
D1204	8-719-914-44	s	DIODE DAP202K	(DUAL)
D1601	8-719-987-43	s	LED CL-150PG-CD	
D1602	8-719-987-43	s	LED CL-150PG-CD	
D1603	8-719-987-43	s	LED CL-150PG-CD	
D1604	8-719-987-43	s	LED CL-150PG-CD	
D1605	8-719-987-43	s	LED CL-150PG-CD	
D1606	8-719-987-43	s	LED CL-150PG-CD	
D1607	8-719-987-43	s	LED CL-150PG-CD	
D1608	8-719-987-43	s	LED CL-150PG-CD	
D1609	8-719-987-43	s	LED CL-150PG-CD	
D1610	8-719-987-43	s	LED CL-150PG-CD	
D1611	8-719-987-43	s	LED CL-150PG-CD	
D1612	8-719-987-43	s	LED CL-150PG-CD	
D1613	8-719-987-43	s	LED CL-150PG-CD	
D1614	8-719-987-43	s	LED CL-150PG-CD	
D1615	8-719-987-43	s	LED CL-150PG-CD	
D1616	8-719-987-43	s	LED CL-150PG-CD	
D1617	8-719-987-43	s	LED CL-150PG-CD	
D1618	8-719-987-43	s	LED CL-150PG-CD	
D1619	8-719-987-43	s	LED CL-150PG-CD	
D1620	8-719-987-43	s	LED CL-150PG-CD	
D1801	8-719-987-43	s	LED CL-150PG-CD	
D1802	8-719-987-43	s	LED CL-150PG-CD	
D1803	8-719-987-43	s	LED CL-150PG-CD	
D1804	8-719-987-43	s	LED CL-150PG-CD	
D1805	8-719-800-76	s	DIODE 1SS226	
D1806	8-719-914-44	s	DIODE DAP202K	(DUAL)
D1807	8-719-914-44	s	DIODE DAP202K	(DUAL)
D1808	8-719-914-44	s	DIODE DAP202K	(DUAL)
D1809	8-719-938-75	s	DIODE SB05-05CP	(RECTI)
D1810	8-719-938-75	s	DIODE SB05-05CP	(RECTI)
D1811	8-719-938-75	s	DIODE SB05-05CP	(RECTI)
D1812	8-719-938-75	s	DIODE SB05-05CP	(RECTI)
D2001	8-719-987-43	s	LED CL-150PG-CD	
D2002	8-719-987-43	s	LED CL-150PG-CD	
D2003	8-719-938-75	s	DIODE SB05-05CP	(RECTI)
D2004	8-719-938-75	s	DIODE SB05-05CP	(RECTI)
D2005	8-719-938-75	s	DIODE SB05-05CP	(RECTI)
D2006	8-719-938-75	s	DIODE SB05-05CP	(RECTI)
D2201	8-719-105-38	s	DIODE RD3.0M-B1	
D2202	8-719-800-76	s	DIODE 1SS226	
D2203	8-719-800-76	s	DIODE 1SS226	
D2204	8-719-800-76	s	DIODE 1SS226	
D2801	8-719-800-76	s	DIODE 1SS226	
D2802	8-719-800-76	s	DIODE 1SS226	
D2803	8-719-987-43	s	LED CL-150PG-CD	
D2804	8-719-987-43	s	LED CL-150PG-CD	
D2805	8-719-800-76	s	DIODE 1SS226	
FB1	1-469-094-11	s	FERRITE, EMI (SMD)	
IC1	8-759-422-39	s	IC MC100EL11DR2	
IC2	8-759-422-39	s	IC MC100EL11DR2	
IC3	8-759-422-39	s	IC MC100EL11DR2	
IC4	8-759-422-39	s	IC MC100EL11DR2	
IC5	8-759-549-20	s	IC SN74LV541APWR	
IC9	8-759-422-39	s	IC MC100EL11DR2	
IC10	8-759-422-39	s	IC MC100EL11DR2	
IC11	8-759-422-39	s	IC MC100EL11DR2	
IC12	8-759-422-39	s	IC MC100EL11DR2	
IC201	8-759-422-39	s	IC MC100EL11DR2	
IC202	8-759-422-39	s	IC MC100EL11DR2	
IC203	8-759-422-39	s	IC MC100EL11DR2	
IC204	8-759-422-39	s	IC MC100EL11DR2	
IC205	8-759-549-20	s	IC SN74LV541APWR	
IC209	8-759-422-39	s	IC MC100EL11DR2	
IC210	8-759-422-39	s	IC MC100EL11DR2	
IC211	8-759-422-39	s	IC MC100EL11DR2	
IC212	8-759-422-39	s	IC MC100EL11DR2	
IC401	8-759-638-53	s	IC CLC018AJVJQ	
IC402	8-759-638-53	s	IC CLC018AJVJQ	

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Ref. No. or Q'ty	Part No.	SP	Description
IC403	8-759-638-53	s	IC CLC018AJVJQ
IC404	8-759-638-53	s	IC CLC018AJVJQ
IC601	8-759-643-03	s	IC GS1515-CTM
IC602	8-759-643-03	s	IC GS1515-CTM
IC603	8-759-643-03	s	IC GS1515-CTM
IC604	8-759-643-03	s	IC GS1515-CTM
IC801	8-759-643-03	s	IC GS1515-CTM
IC802	8-759-643-03	s	IC GS1515-CTM
IC803	8-759-643-03	s	IC GS1515-CTM
IC804	8-759-643-03	s	IC GS1515-CTM
IC1001	8-759-643-03	s	IC GS1515-CTM
IC1002	8-759-643-03	s	IC GS1515-CTM
IC1003	8-759-643-03	s	IC GS1515-CTM
IC1004	8-759-643-03	s	IC GS1515-CTM
IC1201	8-759-643-03	s	IC GS1515-CTM
IC1202	8-759-643-03	s	IC GS1515-CTM
IC1203	8-759-643-03	s	IC GS1515-CTM
IC1204	8-759-643-03	s	IC GS1515-CTM
IC1411	8-752-381-84	s	IC CXD1095BQ
IC1601	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC1602	8-759-490-41	s	IC TC74VHCT541AFT(EL)
IC1603	8-752-381-84	s	IC CXD1095BQ
IC1604	8-759-523-81	s	IC TC74VHC08FT(EL)
IC1801	8-759-937-36	s	IC TL1451ACNS
IC2003	8-759-937-36	s	IC TL1451ACNS
IC2201	8-759-524-04	s	IC TC74VHC125FT (EL)
IC2206	8-759-549-20	s	IC SN74LV541APWR
IC2207	8-759-549-20	s	IC SN74LV541APWR
IC2208	8-759-549-20	s	IC SN74LV541APWR
IC2209	8-759-549-20	s	IC SN74LV541APWR
IC2210	8-759-549-20	s	IC SN74LV541APWR
IC2211	8-759-973-71	s	IC TL7705CPS-B
IC2212	8-759-443-28	s	IC 74LVXC4245QSCX
IC2213	8-759-443-28	s	IC 74LVXC4245QSCX
IC2214	8-759-443-28	s	IC 74LVXC4245QSCX
IC2215	8-759-443-28	s	IC 74LVXC4245QSCX
IC2216	8-759-524-07	s	IC TC74VHC138FT(EL)
IC2217	8-759-580-57	s	IC HM628512BLTT-5SLZ
IC2218	8-759-580-57	s	IC HM628512BLTT-5SLZ
IC2401	8-759-190-79	s	IC UPD72001GC-11-3B6
IC2402	8-759-524-04	s	IC TC74VHC125FT (EL)
IC2404	8-759-504-23	s	IC RF5C62
IC2407	8-759-473-47	s	IC M5M34050FP
IC2409	8-759-242-70	s	IC TC7WU04F
IC2604	8-759-654-74	o	IC 7128STC-VSW68IC2604-V1.00
IC2605	8-759-524-04	s	IC TC74VHC125FT (EL)
IC2611	8-759-654-75	o	IC 7128STC-VSW68IC2611-V1.00
IC2612	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC2615	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC2616	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC2801	8-759-523-82	s	IC TC74VHC10FT (EL)
IC2805	8-759-523-97	s	IC TC74VHC123AFT(EL)
IC2806	8-759-980-44	s	IC TL712CPS
IC2813	8-759-458-38	s	IC KL5C80A20CFP
IC2817	8-759-675-73	o	IC 29EE512-MAIN-SBUS-V1.11
IC2818	8-759-436-44	s	IC IDT71024S20Y-TL
IC2819	8-759-471-14	s	IC MAX202ECSE-T
IC2821	8-759-335-04	s	IC CY7C136-55JC
IC2822	8-759-524-08	s	IC TC74VHC139FT(EL)

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Ref. No. or Q'ty	Part No.	SP	Description
IC2823	8-759-523-95	s	IC TC74VHC74FT(EL)
IC2824	8-759-988-13	s	IC LM393PS
IC3001	8-759-433-92	s	IC TC7W14F-TE12L
IC3004	8-759-528-99	s	IC TC74VHC221AFT(EL)
IC3005	8-759-533-83	s	IC AD8011AR-REEL
IC3007	8-759-987-27	s	IC LM1881M
IC3008	8-759-549-00	s	IC SN74LV123APWR
IC3013	8-759-441-31	s	IC MC14053BDTR2
IC3201	8-759-521-07	s	IC MAX238CWG
IC3202	8-759-549-15	s	IC SN74LV245APWR
IC3203	8-759-549-20	s	IC SN74LV541APWR
IS2817	1-540-151-21	s	SOCKET, IC
L1801	1-414-617-11	s	INDUCTOR (POWER) 10UH
L1802	1-409-579-11	s	COIL, CHOKE 8.2UH
L1803	1-416-221-11	s	COIL, CHOKE
L1804	1-414-441-11	s	INDUCTOR (POWER) 15UH
L1805	1-414-617-11	s	INDUCTOR (POWER) 10UH
L2001	1-409-579-11	s	COIL, CHOKE 8.2UH
L2002	1-409-579-11	s	COIL, CHOKE 8.2UH
L2003	1-414-441-11	s	INDUCTOR (POWER) 15UH
L2004	1-414-441-11	s	INDUCTOR (POWER) 15UH
L2005	1-409-579-11	s	COIL, CHOKE 8.2UH
L3001	1-412-963-11	s	INDUCTOR 100UH (2520)
PS1 ⚠	1-576-329-11	s	FUSE CHIP 10A/125V (6125)
PS2 ⚠	1-576-329-11	s	FUSE CHIP 10A/125V (6125)
PS1801 ⚠	1-576-329-11	s	FUSE CHIP 10A/125V (6125)
PS2001 ⚠	1-576-329-11	s	FUSE CHIP 10A/125V (6125)
Q1	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q2	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q3	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q4	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q5	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q6	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q7	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q8	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q201	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q202	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q203	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q204	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q205	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q206	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q207	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q208	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q601	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q602	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q603	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q604	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q605	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q606	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q607	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q608	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q609	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q610	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q611	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q612	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q801	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q802	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL

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Ref. No. or Q'ty	Part No.	SP	Description
Q803	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q804	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q805	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q806	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q807	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q808	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q809	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q810	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q811	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q812	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1001	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1002	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1003	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1004	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1005	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1006	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1007	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1008	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1009	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1010	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1011	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1012	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1201	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1202	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1203	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1204	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1205	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1206	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1207	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1208	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1209	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1210	8-729-046-30	s	TRANSISTOR 2SC5245-4/5-TL
Q1211	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1212	8-729-105-68	s	TRANSISTOR 2SC3356-K
Q1801	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q1802	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q1803	8-729-045-53	s	TRANSISTOR SI4431DY-T1
Q1804	8-729-045-53	s	TRANSISTOR SI4431DY-T1
Q1805	8-729-113-22	s	TRANSISTOR FA1L4L-L30
Q1806	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q1807	8-729-112-65	s	TRANSISTOR 2SA1462
Q1808	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q1809	8-729-112-65	s	TRANSISTOR 2SA1462
Q1810	8-729-012-35	s	FET 2SK711-BL
Q1811	8-729-012-35	s	FET 2SK711-BL
Q2001	8-729-113-22	s	TRANSISTOR FA1L4L-L30
Q2002	8-729-113-22	s	TRANSISTOR FA1L4L-L30
Q2003	8-729-113-22	s	TRANSISTOR FA1L4L-L30
Q2004	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q2005	8-729-031-39	s	TRANSISTOR MTD20N03HDL
Q2006	8-729-045-53	s	TRANSISTOR SI4431DY-T1
Q2007	8-729-045-53	s	TRANSISTOR SI4431DY-T1
Q2008	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q2009	8-729-112-65	s	TRANSISTOR 2SA1462
Q2010	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q2011	8-729-112-65	s	TRANSISTOR 2SA1462
Q2012	8-729-012-35	s	FET 2SK711-BL
Q2013	8-729-012-35	s	FET 2SK711-BL
Q2201	8-729-113-22	s	TRANSISTOR FA1L4L-L30

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Ref. No. or Q'ty	Part No.	SP	Description
Q2202	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q2203	8-729-120-28	s	TRANSISTOR 2SC1623-L5L6
Q2204	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q2801	8-729-230-60	s	TRANSISTOR 2SA1586-YG
Q2802	8-729-122-63	s	TRANSISTOR 2SA1226-E4
Q2804	8-729-029-09	s	TRANSISTOR DTC143EUA-T106
Q2806	8-729-029-09	s	TRANSISTOR DTC143EUA-T106
Q2807	8-729-029-09	s	TRANSISTOR DTC143EUA-T106
R1	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R2	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R3	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R4	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R5	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R6	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R7	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R8	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R9	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R10	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R11	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R12	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R13	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R14	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R15	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R16	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R17	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R18	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R19	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R20	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R21	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R22	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R23	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R24	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R25	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R26	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R27	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R28	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R29	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R30	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R31	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R32	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R33	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R34	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R35	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R36	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R37	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R38	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R39	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R40	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R41	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R42	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R43	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R44	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R45	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R46	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R47	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R48	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R49	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R50	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)

Ref. No. or Q'ty	Part No.	SP	Description
R51	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R52	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R53	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R54	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R55	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R56	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R57	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R58	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R59	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R60	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R61	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R62	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R63	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R64	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R65	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R66	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R67	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R68	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R69	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R70	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R71	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R72	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R73	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R74	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R75	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R76	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R77	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R78	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R79	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R80	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R81	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R82	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R83	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R84	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R85	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R86	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R87	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R88	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R89	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R90	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R91	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R92	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R93	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R94	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R95	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R96	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R97	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R98	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R99	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R100	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R101	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R102	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R103	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R104	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R201	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R202	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R203	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R204	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R205	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R206	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R207	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R208	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R209	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R210	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R211	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R212	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R213	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R214	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R215	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R216	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R217	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R218	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R219	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R220	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R221	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R222	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R223	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R224	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R225	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R226	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R227	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R228	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R229	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R230	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R231	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R232	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R233	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R234	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R235	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R236	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R237	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R238	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R239	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R240	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R241	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R242	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R243	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R244	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R245	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R246	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R247	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R248	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R249	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R250	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R251	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R252	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R253	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R254	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R255	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R256	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R257	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R258	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R259	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R260	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R261	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R262	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R263	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R264	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)

(VSW-68 BOARD (HDS-X3400))

(VSW-68 BOARD (HDS-X3400))

Ref. No. or Q'ty	Part No.	SP	Description
R265	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R266	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R267	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R268	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R269	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R270	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R271	1-218-662-11	s	RESISTOR,CHIP 56 1/16W (1608)
R272	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R273	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R274	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R275	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R276	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R277	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R278	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R279	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R280	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R281	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R282	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R283	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R284	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R285	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R286	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R287	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R288	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R289	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R290	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R291	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R292	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R293	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R294	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R295	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R296	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R297	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R298	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R299	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R300	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R301	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R302	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R303	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R304	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R401	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R402	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R403	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R404	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R405	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R406	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R407	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R408	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R409	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R410	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R411	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R412	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R413	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R414	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R415	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R416	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R417	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R418	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R419	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R420	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R421	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R422	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R423	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R424	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R425	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R426	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R427	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R428	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R429	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R430	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R431	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R432	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R433	1-218-658-11	s	RESISTOR,CHIP 39 1/16W (1608)
R434	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R435	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R436	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R437	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R438	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R439	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R440	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R441	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R442	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R443	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R444	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R445	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R446	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R447	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R448	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R449	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R450	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R451	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R452	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R453	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R454	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R455	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R456	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R457	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R458	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R459	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R460	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R461	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R462	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R463	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R464	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R465	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R466	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R467	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R468	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R469	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R470	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R471	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R472	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R473	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R474	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R475	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R476	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R477	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R478	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R479	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R480	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R481	1-218-659-11	s	RESISTOR,CHIP 43 1/16W (1608)
R482	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R603	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R604	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R605	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R606	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R607	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R608	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R609	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R610	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R611	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R612	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R613	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R614	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R615	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R616	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R617	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R618	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R619	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R620	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R621	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R622	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R623	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R624	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R625	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R626	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R627	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R628	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R629	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R630	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R631	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R632	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R633	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R634	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R635	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R636	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R639	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R640	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R641	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R642	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R643	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R644	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R645	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R646	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R647	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R648	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R649	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R650	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R651	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R652	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R653	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R654	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R655	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R656	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R657	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R658	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R659	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R660	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R661	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R662	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R663	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R664	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R665	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R666	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R667	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R668	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R669	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R670	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R671	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R672	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R673	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R674	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R675	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R676	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R803	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R804	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R805	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R806	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R807	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R808	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R809	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R810	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R811	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R812	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R813	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R814	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R815	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R816	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R817	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R818	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R819	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R820	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R821	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R822	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R823	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R824	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R825	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R826	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R827	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R828	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R829	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R830	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R831	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R832	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R833	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R834	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R835	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R836	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R839	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R840	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R841	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R842	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R843	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R844	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R845	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R846	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R847	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R848	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R849	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R850	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R851	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R852	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R853	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R854	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R855	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R856	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R857	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R858	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R859	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R860	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R861	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R862	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R863	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R864	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R865	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R866	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R867	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R868	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R869	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R870	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R871	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R872	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R873	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R874	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R875	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R876	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R1003	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R1004	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R1005	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1006	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1007	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R1008	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R1009	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1010	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1011	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1012	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1013	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1014	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1015	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1016	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1017	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1018	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1019	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1020	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1021	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1022	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1023	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1024	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1025	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1026	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1027	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1028	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1029	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1030	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1031	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R1032	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1033	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1034	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1035	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1036	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1039	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R1040	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R1041	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1042	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1043	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R1044	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R1045	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1046	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1047	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1048	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1049	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1050	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1051	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1052	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1053	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1054	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1055	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1056	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1057	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1058	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1059	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1060	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1061	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1062	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1063	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1064	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1065	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1066	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1067	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1068	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1069	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1070	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1071	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1072	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1073	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R1074	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R1075	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R1076	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R1203	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R1204	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R1205	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1206	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1207	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R1208	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R1209	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1210	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1211	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1212	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1213	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1214	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1215	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1216	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1217	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1218	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

Ref. No. or Q'ty	Part No.	SP	Description
R1219	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1220	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1221	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1222	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1223	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1224	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1225	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1226	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1227	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1228	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1229	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1230	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1231	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1232	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1233	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1234	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1235	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1236	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1239	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R1240	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R1241	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1242	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1243	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R1244	1-218-667-11	s	RESISTOR,CHIP 91 1/16W (1608)
R1245	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1246	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1247	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1248	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1249	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1250	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1251	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1252	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1253	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1254	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1255	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1256	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1257	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1258	1-218-663-11	s	RESISTOR,CHIP 62 1/16W (1608)
R1259	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1260	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1261	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1262	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R1263	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1264	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1265	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1266	1-218-915-11	s	RESISTOR,CHIP 680K 1/16W(1608)
R1267	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1268	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1269	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1270	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1271	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1272	1-218-682-11	s	RESISTOR,CHIP 390 1/16W (1608)
R1273	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R1274	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R1275	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R1276	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R1406	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1407	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1408	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)

Ref. No. or Q'ty	Part No.	SP	Description
R1409	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1410	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1411	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1412	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1413	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1414	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1415	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1416	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1417	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1418	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R1419	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R1801	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1802	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1803	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R1804	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1805	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1806	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R1807	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R1808	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1809	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1810	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1811	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1812	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R1813	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R1814	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1815	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R1816	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R1817	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R1818	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1819	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R1820	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1821	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1822	1-218-703-11	s	RESISTOR,METAL 3.0K 1/16(1608)
R1823	1-218-685-11	s	RESISTOR, METAL FILM 510 1/16W
R1824	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1825	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R1826	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R1827	1-218-703-11	s	RESISTOR,METAL 3.0K 1/16(1608)
R1828	1-218-685-11	s	RESISTOR, METAL FILM 510 1/16W
R1829	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R1830	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R1831	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R1832	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R1833	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R1834	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R1835	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R1836	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R1837	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R1838	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R1839	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R1840	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R1841	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R1842	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R1843	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R1844	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R2003	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R2004	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R2005	1-218-690-11	s	RESISTOR,CHIP 820 1/16W (1608)
R2006	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

Ref. No. or Q’ty	Part No.	SP	Description
R2007	1-218-691-11	s	RESISTOR,CHIP 910 1/16W (1608)
R2008	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R2009	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R2010	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R2011	1-218-707-11	s	RESISTOR,CHIP 4.3K 1/16W(1608)
R2012	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R2013	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R2014	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2015	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2016	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2017	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2018	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2019	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R2020	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2021	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R2022	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2023	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R2024	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2025	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R2026	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2027	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2028	1-218-699-11	s	RESISTOR,CHIP 2.0K 1/16W(1608)
R2029	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R2030	1-218-664-11	s	RESISTOR,CHIP 68 1/16W (1608)
R2031	1-218-709-11	s	RESISTOR,METAL 5.1K 1/16W
R2032	1-218-703-11	s	RESISTOR,METAL 3.0K 1/16(1608)
R2033	1-218-677-11	s	RESISTOR,CHIP 240 1/16W (1608)
R2034	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R2035	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R2036	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R2037	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R2038	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R2039	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R2040	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R2041	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R2042	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2043	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R2044	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R2045	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R2046	1-218-730-11	s	RESISTOR METAL FILM CHIP 39K
R2047	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R2048	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R2049	1-218-695-11	s	RESISTOR,CHIP 1.3K 1/16W(1608)
R2050	1-216-864-11	s	RESISTOR,CHIP 0 1/16W (1608)
R2201	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2202	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2203	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R2204	1-218-656-11	s	RESISTOR,CHIP 33 1/16W (1608)
R2205	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R2206	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R2207	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R2208	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R2209	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R2210	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R2211	1-218-704-11	s	RESISTOR,CHIP 3.3K 1/16W(1608)
R2212	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R2213	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R2401	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R2402	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)

Ref. No. or Q’ty	Part No.	SP	Description
R2405	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2406	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2407	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R2408	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2409	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2410	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2411	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2412	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R2413	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R2414	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R2415	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R2416	1-218-698-11	s	RESISTOR,CHIP 1.8K 1/16W(1608)
R2417	1-218-698-11	s	RESISTOR,CHIP 1.8K 1/16W(1608)
R2418	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R2419	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2420	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2601	1-216-857-11	s	RESISTOR, CHIP 1.0M 1/16W 1608
R2602	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R2603	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2604	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2605	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2608	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2610	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2612	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2613	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R2614	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R2615	1-218-748-11	s	RESISTOR,CHIP 220K 1/16W(1608)
R2616	1-216-857-11	s	RESISTOR, CHIP 1.0M 1/16W 1608
R2617	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2801	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2803	1-218-710-11	s	RESISTOR,CHIP 5.6K 1/16W(1608)
R2804	1-218-665-11	s	RESISTOR,CHIP 75 1/16W (1608)
R2805	1-218-696-11	s	RESISTOR,CHIP 1.5K1/16W(1608)
R2806	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2807	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)
R2808	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R2809	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R2810	1-218-740-11	s	RESISTOR,CHIP 100K 1/16W(1608)
R2811	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R2812	1-218-722-11	s	RESISTOR, CHIP 18K 1/16W 1608
R2813	1-218-720-11	s	RESISTOR,CHIP 15K 1/16W(1608)
R2814	1-218-744-11	s	RESISTOR,METAL 150K 1/16W
R2815	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R2816	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R2817	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2818	1-216-857-11	s	RESISTOR, CHIP 1.0M 1/16W 1608
R2819	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R2820	1-218-728-11	s	RESISTOR,METAL 33K 1/16W
R2821	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R2822	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2823	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R2824	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2825	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R2826	1-218-744-11	s	RESISTOR,METAL 150K 1/16W
R2827	1-218-696-11	s	RESISTOR,CHIP 1.5K 1/16W(1608)
R2828	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R2829	1-218-694-11	s	RESISTOR,CHIP 1.2K1/16W(1608)
R2836	1-218-676-11	s	RESISTOR,CHIP 220 1/16W(1608)
R2837	1-218-724-11	s	RESISTOR,CHIP 22K 1/16W(1608)

Ref. No. or Q'ty	Part No.	SP	Description
R2839	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R2840	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R2841	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R2844	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R2845	1-218-732-11	s	RESISTOR,CHIP 47K 1/16W(1608)
R2846	1-218-644-11	s	RESISTOR,METAL 10 1/16W
R2847	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R3001	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R3002	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3003	1-218-700-11	s	RESISTOR,CHIP 2.2K 1/16W(1608)
R3004	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R3005	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R3006	1-216-857-11	s	RESISTOR, CHIP 1.0M 1/16W 1608
R3007	1-216-855-11	s	RESISTOR, CHIP 680K 1/16W 1608
R3008	1-218-716-11	s	RESISTOR,CHIP 10K 1/16W(1608)
R3011	1-218-668-11	s	RESISTOR,CHIP 100 1/16W (1608)
R3013	1-218-752-11	s	RESISTOR,CHIP 330K 1/16W(1608)
R3014	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R3015	1-218-706-11	s	RESISTOR,CHIP 3.9K 1/16W(1608)
R3016	1-218-708-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R3017	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R3018	1-218-684-11	s	RESISTOR,CHIP 470 1/16W (1608)
R3019	1-218-660-91	s	RESISTOR,CHIP 47 1/16W (1608)
R4000	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R4001	1-218-692-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
RB401	1-239-390-11	s	RESISTOR,NETWORK 33 (1608)
RB402	1-239-390-11	s	RESISTOR,NETWORK 33 (1608)
RB403	1-239-390-11	s	RESISTOR,NETWORK 33 (1608)
RB1401	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB1402	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB1403	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB1404	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB1405	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB1406	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB1407	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB1601	1-239-309-11	s	RESISTOR ARRAY,CHIP 100K
RB1602	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB1603	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB1604	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB1605	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB1606	1-239-426-11	s	NETWORK RESISTOR 2.2K (1608)
RB2201	1-239-390-11	s	RESISTOR,NETWORK 33 (1608)
RB2601	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB2801	1-239-389-11	s	RESISTOR,NETWORK 47K (1608)
RB2802	1-239-389-11	s	RESISTOR,NETWORK 47K (1608)
RB2803	1-239-389-11	s	RESISTOR,NETWORK 47K (1608)
RB2804	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RB3201	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB3202	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB3203	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB3204	1-239-412-11	s	NETWORK, RESISTOR 100 (1608)
RB3205	1-239-306-11	s	RESISTOR ARRAY,CHIP 10K
RY2801	1-515-716-11	s	RELAY
RY2802	1-515-716-11	s	RELAY
S1	1-572-438-11	s	SWITCH, TACTIL
S1601	1-692-536-11	s	SWITCH DIP (8P)
THP201 ⚠	1-808-819-11	s	THERMISTOR (CHIP)

Ref. No. or Q'ty	Part No.	SP	Description
X601	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X602	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X603	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X604	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X801	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X802	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X803	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X804	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X1001	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X1002	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X1003	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X1004	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X1201	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X1202	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X1203	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X1204	1-781-718-11	s	OSCILLATOR, VOLTAGE CONTROL
X2401	1-567-098-41	s	VIBRATOR,CRYSTAL (32.768MHZ)
X2601	1-579-929-11	s	VIBRATOR, CERAMIC (9.83MHZ)
X2801	1-760-273-11	s	VIBRATOR, CRYSTAL

1-3-2. Frame List

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FRAME
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Ref. No. or Q'ty	Part No.	SP	Description
<For HDS-X3400>			
1pc	⚠ 1-468-481-11	s	REGULATOR, SWITCHING
FAN1	1-698-667-11	s	FAN, DC
FAN2	1-698-667-11	s	FAN, DC
<For HDS-X3600>			
2pcs	⚠ 1-468-480-11	s	REGULATOR, SWITCHING
FAN1	1-698-890-13	s	DC FAN (92 SQUARE)
FAN2	1-698-890-13	s	DC FAN (92 SQUARE)
<For HDS-X3700>			
2pcs	⚠ 1-468-479-13	s	REGULATOR, SWITCHING
FAN1	1-698-890-13	s	DC FAN (92 SQUARE)
FAN2	1-698-890-13	s	DC FAN (92 SQUARE)
FAN3	1-698-890-13	s	DC FAN (92 SQUARE)
FAN4	1-698-890-13	s	DC FAN (92 SQUARE)
FAN5	1-698-890-13	s	DC FAN (92 SQUARE)
FAN6	1-698-890-13	s	DC FAN (92 SQUARE)

1-3-3. Cable/Harness List

```
-------------
CABLE/HARNESS
-------------
```

Ref. No. or Q'ty	Part No.	SP	Description
<For HDS-X3400>			
HN001	⚠ 1-960-174-11	o	HARNESS (AC INLET HARNESS)
(From AC INLET to CN32/MB-868 board)			
HN002	---		
(To CN1/HN-271 board)			
1pc	1-561-515-12	o	HOUSING, CONNECTOR
3pcs	1-560-372-00	s	TERMINAL, PRESS
(To FAN2)			
HN003	---		
(To CN6/CN-1888 board)			
1pc	1-561-515-12	o	HOUSING, CONNECTOR
3pcs	1-560-372-00	s	TERMINAL, PRESS
(To FAN1)			
HN004	1-575-022-11	s	WIRE, FLAT TYPE 13P (330MM)
(From CN1/SW-1001 board to CN7/VSW-68 board)			
HN005	1-575-022-11	s	WIRE, FLAT TYPE 13P (330MM)
(From CN2/SW-1001 board to CN8/VSW-68 board)			
<For HDS-X3600>			
HN001	⚠ 1-960-173-11	o	HARNESS (WITH INLET)
(From AC INLET to CN1010/MB-886 board)			
HN002	⚠ 1-960-173-11	o	HARNESS (WITH INLET)
(From AC INLET to CN1002/MB-886 board)			
<For HDS-X3700>			
HN001	⚠ 1-960-172-11	o	HARNESS (WITH INLET)
(From AC INLET to CN1013/MB-864 board)			
HN002	⚠ 1-960-172-11	o	HARNESS (WITH INLET)
(From AC INLET to CN1002/MB-864 board)			

http://getMANUAL.com

1-3-4. External Connectors List

```
-------------------
EXTERNAL CONNECTORS
-------------------
 Ref. No.
 or Q'ty  Part No.    SP Description

 <For HDS-X3400>

 REMOTE 2
          1-766-174-11 o CONNECTOR, SQUARE TYPE (D-SUB)
 REMOTE 3
          1-779-059-11 o PIN, CONNECTOR (PC BOARD) 9P
 NETWORK
          1-785-300-11 s JACK, MODULAR 8P
 REF.IN
 REMOTE 1
          1-793-324-11 o CONNECTOR, COAXIAL (BNC TYPE)

 <For HDS-X3600>

 REMOTE 2A,B
          1-563-890-21 s SOCKET, D-SUB CONNECTOR (9P)
 REMOTE 3
          1-566-440-21 s PIN, D-SUB CONNECTOR 9P
 ALARM
          1-788-999-11 s CONNECTOR, D-SUB (RECEPTACLE)
 NETWORK A,B
          1-785-300-11 s JACK, MODULAR 8P
 REF.IN A,B
 REMOTE 1A,B
 REMOTE 4
          1-793-324-11 o CONNECTOR, COAXIAL (BNC TYPE)

 <For HDS-X3700>

 ALARM
          1-764-642-11 o CONNECTOR, D-SUB 15P
 REMOTE 2A,B
          1-766-174-11 o CONNECTOR, SQUARE TYPE (D-SUB)
 REMOTE 3
          1-779-059-11 o PIN, CONNECTOR (PC BOARD) 9P
 NETWORK A,B
          1-785-300-11 s JACK, MODULAR 8P
 REF.IN A,B
 REMOTE 1A,B,C
 REMOTE 4
          1-793-324-11 o CONNECTOR, COAXIAL (BNC TYPE)

 <For HKDS-X3011>

 SDTV SERIAL VIDEO INPUT 1 to 16
          1-793-324-11 o CONNECTOR, COAXIAL (BNC TYPE)

 <For HKDS-X3014>

 SERIAL VIDEO INPUT 1 to 16
          1-793-324-11 o CONNECTOR, COAXIAL (BNC TYPE)

 <For HKDS-X3064>

 SERIAL VIDEO MONITOR OUTPUT
 SERIAL VIDEO OUTPUT 1 to 16
          1-793-324-11 o CONNECTOR, COAXIAL (BNC TYPE)
```

1-4. Supplied Accessories List

```
--------------------
SUPPLIED ACCESSORIES
--------------------
 Ref. No.
 or Q'ty  Part No.    SP Description

 <For BKS-R3400>

 2pcs     1-575-022-11 s WIRE, FLAT TYPE 13P (330MM)
 1pc      3-179-054-01 o TOOL, CAP PULL
 2pcs     3-623-984-01 o BRACKET(RM), RACK MOUNT

 <For HDS-X3400>

 1pc      1-695-542-11 o RESISTOR,CONNECTOR TERMINATION
 1pc      1-764-805-11 o CONNECTOR, BNC TYPE

 <For HDS-X3600>

 3pcs     1-695-542-11 o RESISTOR,CONNECTOR TERMINATION
 1pc      1-764-805-11 o CONNECTOR, BNC TYPE
 1pc      3-704-355-01 o SHEET (STANDARD), PROTECTION

 <For HDS-X3700>

 3pcs     1-695-542-11 o RESISTOR,CONNECTOR TERMINATION
 1pc      1-764-805-11 o CONNECTOR, BNC TYPE
 1pc      4-044-462-01 o SHEET, PROTECTION

 <For HKDS-X3011/3014/3064>

 1pc      3-704-046-31 s BAG,PREVENTION,ELECTRIFICATION
```

1-5. Power Cords List

```
-----------
POWER CORDS
-----------
 Ref. No.
 or Q'ty  Part No.    SP Description

 <For the customer in Japan>

 1pc   ⚠  1-776-997-11 s CORD, POWER
 1pc      1-750-686-11 s CONNECTOR, CONVERSION (3P-2P)

 <For the customer in the U.S.A. and Canada>

 1pc   ⚠  1-557-377-11 s CORD, POWER
 1pc      2-990-242-01 s HOLDER (B), PLUG (Black)

 <For the customer in the United Kingdom>

 1pc   ⚠  ----    DK-2401(EK)
 1pc      2-990-242-01 s HOLDER (B), PLUG (Black)
 Plug holder is included in DK-2401(EK).

 <For the customer in the all European Countries
  except United Kingdom>

 1pc   ⚠  ----    DK-2401(AE)
 1pc      2-990-242-01 s HOLDER (B), PLUG (Black)
 Plug holder is included in DK-2401(AE).
```

Section 2
Semiconductor Pin Assignments

The following describes the semiconductor types used in this unit.

For semiconductors marked with page numbers in the index, refer to the corresponding pages in this section. However, in some cases incompatible types are also listed, therefore, when a part is to be replaced, also refer to the Spare Parts section.

In addition, for semiconductors with ID Nos., refer to the separate CD-ROM titled “Semiconductor Pin Assignments” (Sony Part No. 9-968-546-xx) that allows searching for parts by semiconductor type or ID No.

The semiconductors in the manual or on the CD-ROM are listed by equivalent types. Thus the external view or the index mark indication may differ from the actual type.

Pin assignments and block diagrams are based on the IC manufacturer’s data book.

本機に使用されている半導体型名の一覧を下記に示します。

索引中，ページが記載されている半導体は，本章の該当ページを参照してください。ただし，互換性のない型名を併記している場合がありますので，部品を交換するときは，Spare Partsの章を参照してください。

また，ID番号が記載されている半導体は，別途発行の“Semiconductor Pin Assignments” CD-ROM版（ソニー部品番号：9-968-546-xx）を参照してください。

半導体型名またはID番号から検索ができます。

マニュアルまたはCD-ROMに掲載されている半導体は，それぞれの機能を等価的に表わしたものです。

外観やインデックスマークの表示方法が実物と異なる場合があります。

ピン配置およびブロック図はICメーカーのデータブックに従いました。

DIODE	**Page or ID No.**
1S2837-T1	DC001-03
1SS123-T1	DC001-01
1SS184	DC001-03
1SS226	DC001-01
1SS302	DC001-01
1SS302-TE85L	DC001-01
KV1470	DC001-13
KV1470TL00	DC001-13
RD3.0M-B1	DC001-04
RD3.0M-T1B	DC001-04
SB05-05CP	DC001-16
SB05-05CP-TB	DC001-16

LED	**Page or ID No.**
AY1101W-88	LC003-01
AY1101W-88-TR	LC003-01
CL-150PG-CD	LC001-01
CL-150PG-CD-T	LC001-01
CL-155UR/G-D	LC009-03
CL-155UR/G-DT	LC009-03
LA301MB	LR072-02
PG1102W	LC003-01
PG1102W-TR	LC003-01
VR1101W-TR	LC003-01

TRANSISTOR	**Page or ID No.**
2SA1162G	TC001-01
2SA1226-E4	TC001-01
2SA1226-T1E3E4	TC001-01
2SA1462	TC001-01
2SA1462-T1Y33Y34	TC001-01
2SA1586-YG	TC001-01
2SA1586YG-TE85L	TC001-01
2SA1610-T1Y34	TC001-01
2SA1610-Y33	TC001-01
2SA1611-M5M6	TC001-01
2SA1611T1-M5M6	TC001-01
2SA812-T1M6	TC001-01
2SB1115A	TC002-01
2SB1115A-T1YQYP	TC002-01
2SC1623-L5L6	TC001-02
2SC1623-T1-L5L6	TC001-02
2SC3356-K	TC001-02
2SC3356-T1K	TC001-02
2SC4177-L6	TC001-02
2SC4177-T1L5L6	TC001-02
2SC5245-4/5-TL	TC001-02
2SK711-BL	TC001-05
2SK711-BL/V-TE85L	TC001-05
DTC114EK	TC001-03
DTC114EKA-T146	TC001-03
DTC143EUA-T106	TC001-03
FA1L4L-L30	TC001-03
FA1L4L-T1L30	TC001-03
MTD20N03HDL	TC010-01
MTD20N03HDL-T4	TC010-01
SI4431DY-T1	TC012-04

Index

IC	Page or ID No.
74LCX16244MTDX	IDT74FCT16244ATPV
74LCX16245MTDX	IDT74FCT16245ATPV-TR
74LCX16373MTDX	74LCX16373MTDX
74LCX244MTCX	TC74HC244P
74LVXC4245QSCX	74LVX4245QSCX
74VHC138MTCX	TC74HC138P
93LC46BT/SN	BR93LC46F
AD8011AR-REEL	AD8011AR
AM26C31CDB-E05	DS26C31CM
BA13002F-E2	2-4
CLC018AJVJQ	2-4
CXD1095BQ	CXD1095Q
CY7C136-55JC	CY7C136-55JC
DEC21143-TD	DEC21143-TD
EPM7032SLC44-10(05)	2-4
EPM7128SQC100-15	EPM7128EQC100-12
EPM7128STC100-10	EPM7128STC100-7
EPM7128STC100-7	EPM7128STC100-7
EPM7160STC100-10	2-5
EPM7192SQC160-15(05)	EPM7192SQC160-15
EPM7218SQC100-1	EPM7128EQC100-12
GS1504-CTD	2-5
GS1508-CTA	2-5
GS1515-CTM	2-6
GS9024-CTB	2-6
HM628512BLTT-5SLZ	HM628512LP-7
ICS1892Y	2-6
IDT71024S20Y-TL	IDT71024S20Y-TL
IDT74FCT3807APY-TL	IDT74FCT3807APY-TL
IDT79RV4700-133DP	NR4700LMQB-133
KL5C80A20CFP	KL5C80A20CFP
KM416V4104CS-L6	KM416V4104BS-L6
LM1881M	LM1881N
LM1881MX	LM1881N
LM393PS	UA393DC
LM393PS-E20	UA393DC
LT1134ACSW	LT1134CS
M48T35Y-70MH1TR	M48T35Y-70MH1TR
M5M34050FP	SN751177N
MAX202ECSE-T	MAX202CSE
MAX238CWG	MAX238CNG
MB3771PF-ER	MB3771DIP
MBM29F040C-90PD	AM29F040-90JC
MC100EL57DR2	2-7
MC14053BDTR2	CD4053BE
MX29F1610TC-12C3	MX29F1610TC-12C3
ND5000LBGC-66	ND5000LBGC-66
NJM78L05UA	NJM78L12UA
NJM78L05UA-TE1	NJM78L12UA
NJM78L08UA	NJM78L12UA
NJM78L08UA-TE1	NJM78L12UA
NJM78M05DLA(TE1)	2-7
NJU201AM	2-7
NJU201AM-T2	2-7
RF5C62	RF5C62
SN74LV02APWR	TC74HC02P
SN74LV123APWR	TC74HC123P
SN74LV125APWR	MC74HC125N
SN74LV138APWR	TC74HC138P
SN74LV245APWR	TC74HC245P
SN74LV541APWR	MC74HC541N
SN74LV574APWR	TC74HC574P
SST29EE512-90-4C-NH	SST29EE512-120-4C-NH
TA78L05F	NJM78L12UA
TA78L05F-TE12L	NJM78L12UA
TC74HC4538AFT(EL)	MC74HC4538N
TC74VHC00FT(EL)	TC74HC00P
TC74VHC02FT(EL)	TC74HC02P
TC74VHC04FT(EL)	TC74HC04P
TC74VHC08FT(EL)	TC74HC08P
TC74VHC10FT(EL)	TC74HC10P
TC74VHC11FT(EL)	TC74HC11P
TC74VHC123AFT(EL)	TC74HC123P
TC74VHC125FT(EL)	MC74HC125N
TC74VHC132FT(EL)	TC74HC132P
TC74VHC138FT(EL)	TC74HC138P
TC74VHC139FT(EL)	TC74HC139P
TC74VHC14FT(EL)	TC74HC14P
TC74VHC221AFT(EL)	TC74HC221P
TC74VHC32FT(EL)	TC74HC32P
TC74VHC74FT(EL)	TC74HC74P
TC74VHCT00AFT(EL)	TC74HC00P
TC74VHCT541AFT(EL)	MC74HC541N
TC7SET08FU(TE85R)	TC7S08F
TC7SH14FU-TE85R	TC7S14FU
TC7W14F(TE12R)	TC7W14FU
TC7W14F-TE12L	TC7W14FU
TC7WU04F(TE12R)	TC7W04F
TC7WU04F-TE12R	TC7W04F
TC7WU04FU(TE12R)	TC7W04F
TL082CPW-E05	RC4558
TL1451ACNS	TL1451CNS
TL1451ACNSR	TL1451CNS
TL712CPS	TL712PS
TL712CPSR	TL712PS
TL77-5ACPSR	TL7705CP
TL7705ACPS	TL7705CP
TL7705ACPSR	TL7705CP
TL7705CPS-B	TL7705CP
TL7705CPS-B-E20	TL7705CP
TQ8033	2-8

IC **Page or ID No.**

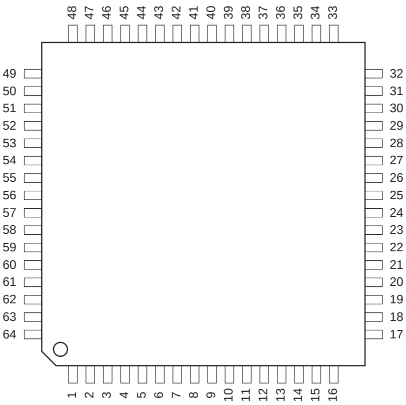
UPC393G2 .... UA393DC
UPD72001GC-11-3B6 .... UPD72001GC-3B6
UPU393G2 .... UA393DC

IC

CLC018AJVJQ (NS)

8 × 8 DIGITAL CROSSPOINT SWITCH

—TOP VIEW—


48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33
49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64
32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

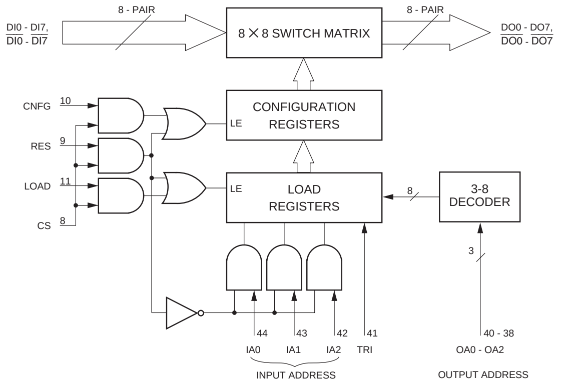
INPUTS

CNFG	:	LATCH CONTROL
CS	:	CHIP SELECT
DI0 - DI7, $\overline{DI0}$ - $\overline{DI7}$	:	DATA
IA0 - IA2	:	INPUT ADDRESS BUS
LOAD	:	LATCH CONTROL
OA1 - OA3	:	OUTPUT ADDRESS BUS
RES	:	RESET CONTROL
TRI	:	OUTPUT CONTROL

OUTPUTS

DO0 - DO7, $\overline{DO0}$ - $\overline{DO7}$: DATA

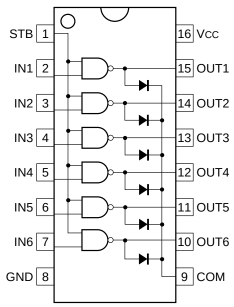
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	Vcc	17	O	$\overline{DO6}$	33	O	DO1	49	—	VEE
2	I	DI6	18	O	DO6	34	—	Vcc	50	I	DI1
3	I	$\overline{DI6}$	19	—	Vcc	35	O	$\overline{DO0}$	51	I	$\overline{DI1}$
4	—	Vcc	20	O	$\overline{DO5}$	36	O	DO0	52	—	Vcc
5	I	DI7	21	O	DO5	37	—	Vcc	53	I	DI2
6	I	$\overline{DI7}$	22	—	Vcc	38	O	OA2	54	I	$\overline{DI2}$
7	—	Vcc	23	O	$\overline{DO4}$	39	O	OA1	55	—	Vcc
8	I	CS	24	O	DO4	40	O	OA0	56	I	DI3
9	I	RES	25	—	Vcc	41	I	TRI	57	I	$\overline{DI3}$
10	I	CNFG	26	O	$\overline{DO3}$	42	I	IA2	58	—	Vcc
11	I	LOAD	27	O	DO3	43	I	IA1	59	I	DI4
12	—	VEE	28	—	Vcc	44	I	IA0	60	I	$\overline{DI4}$
13	—	Vcc	29	O	$\overline{DO2}$	45	—	VLL	61	—	Vcc
14	O	$\overline{DO7}$	30	O	DO2	46	I	DI0	62	I	DI5
15	O	DO7	31	—	VEE	47	I	$\overline{DI0}$	63	I	$\overline{DI5}$
16	—	Vcc	32	O	$\overline{DO1}$	48	—	Vcc	64	—	Vcc


DI0 - DI7,
DI0 - DI7
8 - PAIR
8 × 8 SWITCH MATRIX
8 - PAIR
DO0 - DO7,
DO0 - DO7
CNFG 10
RES 9
LOAD 11
CS 8
LE
CONFIGURATION REGISTERS
LE
LOAD REGISTERS
8
3-8 DECODER
3
44 43 42 41
IA0 IA1 IA2 TRI
INPUT ADDRESS
40 - 38
OA0 - OA2
OUTPUT ADDRESS

BA13002F-E2 (ROHM)

TRANSISTOR ARRAY

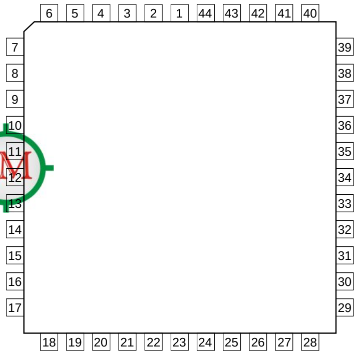
—TOP VIEW—


STB 1
IN1 2
IN2 3
IN3 4
IN4 5
IN5 6
IN6 7
GND 8
16 Vcc
15 OUT1
14 OUT2
13 OUT3
12 OUT4
11 OUT5
10 OUT6
9 COM

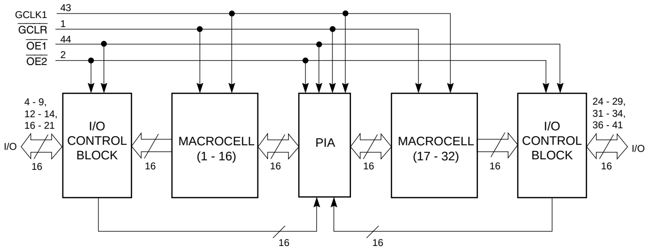
EPM7032SLC44-10(05) (ALTERA)

PROGRAMMABLE LOGIC DEVICE

—TOP VIEW—


6 5 4 3 2 1 44 43 42 41 40
7 8 9 10 11 12 13 14 15 16 17
39 38 37 36 35 34 33 32 31 30 29
18 19 20 21 22 23 24 25 26 27 28

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	INPUT/$\overline{GCLR}$	12	I/O	I/O	23	—	Vcc	34	I/O	I/O
2	I	INPUT/$\overline{OE2}$	13	I/O	I/O (TMS)	24	I/O	I/O	35	—	Vcc
3	—	Vcc	14	I/O	I/O	25	I/O	I/O	36	I/O	I/O
4	I/O	I/O	15	—	Vcc	26	I/O	I/O	37	I/O	I/O
5	I/O	I/O	16	I/O	I/O	27	I/O	I/O	38	I/O	I/O (TDO)
6	I/O	I/O	17	I/O	I/O	28	I/O	I/O	39	I/O	I/O
7	I/O	I/O (TDI)	18	I/O	I/O	29	I/O	I/O	40	I/O	I/O
8	I/O	I/O	19	I/O	I/O	30	—	GND	41	I/O	I/O
9	I/O	I/O	20	I/O	I/O	31	I/O	I/O	42	—	GND
10	—	GND	21	I/O	I/O	32	I/O	I/O (TCK)	43	I	INPUT/GCLK1
11	—	Vcc	22	—	GND	33	I/O	I/O	44	I	INPUT/$\overline{OE1}$

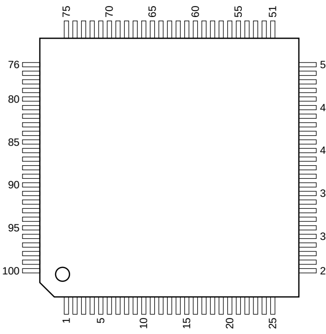

GCLK1 43
GCLR 1
OE1 44
OE2 2
4 - 9,
12 - 14,
16 - 21
I/O
16
I/O CONTROL BLOCK
16
MACROCELL (1 - 16)
16
PIA
16
MACROCELL (17 - 32)
16
I/O CONTROL BLOCK
24 - 29,
31 - 34,
36 - 41
16
I/O
16
16

✻ABOVE DIAGRAM SHOWS CONDITIONS BEFORE PROGRAMMING

EPM7160STC100-10 (ALTERA)

PROGRAMMABLE LOGIC CIRCUIT

—TOP VIEW—


75
70
65
60
55
51
76
80
85
90
95
100
50
45
40
35
30
26
1
5
10
15
20
25

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I/O	I/O	26	—	GND	51	—	Vcc2	76	I/O	I/O
2	I/O	I/O	27	I/O	I/O	52	I/O	I/O	77	I/O	I/O
3	—	Vcc2	28	I/O	I/O	53	I/O	I/O	78	I/O	I/O
4	I/O	I/O	29	I/O	I/O	54	I/O	I/O	79	I/O	I/O
5	I/O	I/O	30	I/O	I/O	55	—	NC	80	I/O	I/O
6	I/O	I/O	31	I/O	I/O	56	I/O	I/O	81	I/O	I/O
7	—	NC	32	I/O	I/O	57	I/O	I/O	82	—	Vcc2
8	I/O	I/O	33	I/O	I/O	58	I/O	I/O	83	—	NC
9	I/O	I/O	34	—	Vcc2	59	—	GND	84	I/O	I/O
10	I/O	I/O	35	—	NC	60	I/O	I/O	85	I/O	I/O
11	—	GND	36	I/O	I/O	61	I/O	I/O	86	—	GND
12	I/O	I/O	37	I/O	I/O	62	I/O	I/O	87	I	GCLK1
13	I/O	I/O	38	—	GND	63	I/O	I/O	88	I	$\overline{\text{OE1}}$
14	I/O	I/O	39	—	Vcc1	64	I/O	I/O	89	I	$\overline{\text{GCLR}}$
15	I/O	I/O	40	I/O	I/O	65	I/O	I/O	90	I	$\overline{\text{OE2}}$,GCLK2
16	I/O	I/O	41	I/O	I/O	66	—	Vcc2	91	—	Vcc1
17	I/O	I/O	42	—	NC	67	I/O	I/O	92	I/O	I/O
18	—	Vcc2	43	—	GND	68	I/O	I/O	93	I/O	I/O
19	I/O	I/O	44	I/O	I/O	69	I/O	I/O	94	—	NC
20	I/O	I/O	45	I/O	I/O	70	—	NC	95	—	GND
21	I/O	I/O	46	I/O	I/O	71	I/O	I/O	96	I/O	I/O
22	—	NC	47	I/O	I/O	72	I/O	I/O	97	I/O	I/O
23	I/O	I/O	48	I/O	I/O	73	I/O	I/O	98	I/O	I/O
24	I/O	I/O	49	I/O	I/O	74	—	GND	99	I/O	I/O
25	I/O	I/O	50	I/O	I/O	75	I/O	I/O	100	I/O	I/O

INPUTS

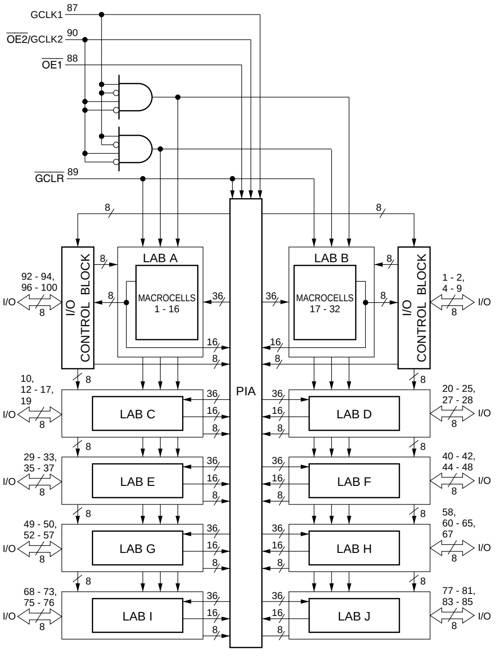
GCLK1, GCLK2 : GLOBAL CLOCK1, 2
$\overline{\text{GCLR}}$: GLOBAL CLEAR
$\overline{\text{OE1}}$, $\overline{\text{OE2}}$: OUTPUT ENABLE1, 2

INPUT/OUTPUT

I/O : INPUT/OUTPUT

OTHER

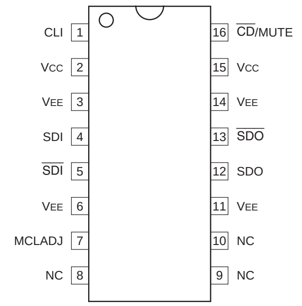
NC : NO CONNECTION


GCLK1 87
OE2/GCLK2 90
OE1 88
GCLR 89
LAB A
MACROCELLS 1 - 16
LAB B
MACROCELLS 17 - 32
I/O CONTROL BLOCK
I/O CONTROL BLOCK
PIA
92 - 94, 96 - 100
1 - 2, 4 - 9
10, 12 - 17, 19
20 - 25, 27 - 28
29 - 33, 35 - 37
40 - 42, 44 - 48
49 - 50, 52 - 57
58, 60 - 65, 67
68 - 73, 75 - 76
77 - 81, 83 - 85
I/O
LAB C
LAB D
LAB E
LAB F
LAB G
LAB H
LAB I
LAB J
8
16
36

GS1504-CTD (GENNUM)

ADAPTIVE EQUALIZER

—TOP VIEW—


CLI 1
VCC 2
VEE 3
SDI 4
SDI 5
VEE 6
MCLADJ 7
NC 8
16 CD/MUTE
15 VCC
14 VEE
13 SDO
12 SDO
11 VEE
10 NC
9 NC

INPUTS

MCLADJ : MAXIMUM CABLE LENGTH ADJUSTMENT
SDI, $\overline{\text{SDI}}$: DIFFERENTIAL SERIAL DATA

OUTPUTS

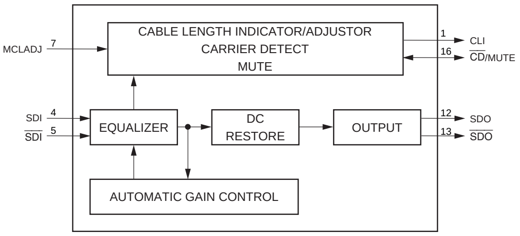
CLI : CABLE LENGTH INDICATION
SDO, $\overline{\text{SDO}}$: DIFFERENTIAL SERIAL DATA

INPUT/OUTPUT

$\overline{\text{CD}}$/MUTE : CARRIER DETECT/MUTE INDICATOR

OTHER

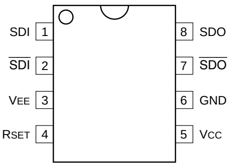
NC : NO CONNECTION


MCLADJ 7
CABLE LENGTH INDICATOR/ADJUSTOR
CARRIER DETECT
MUTE
1 CLI
16 CD/MUTE
SDI 4
SDI 5
EQUALIZER
DC RESTORE
OUTPUT
12 SDO
13 SDO
AUTOMATIC GAIN CONTROL

GS1508-CTA (GENNUM)

CABLE DRIVER

—TOP VIEW—

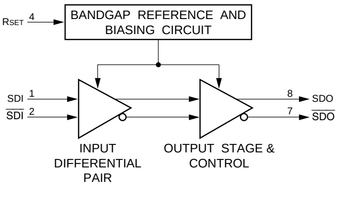

SDI 1
SDI 2
VEE 3
RSET 4
8 SDO
7 SDO
6 GND
5 VCC

INPUTS

RSET : OUTPUT AMPLITUDE CONTROL RESISTOR
SDI, $\overline{\text{SDI}}$: DIFFERENTIAL SERIAL DATA

OUTPUTS

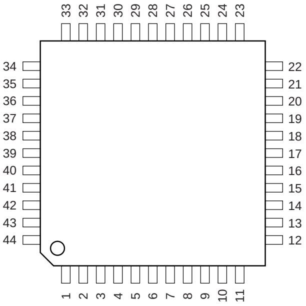
SDO, $\overline{\text{SDO}}$: DIFFERENTIAL SERIAL DATA


RSET 4
BANDGAP REFERENCE AND BIASING CIRCUIT
SDI 1
SDI 2
8 SDO
7 SDO
INPUT DIFFERENTIAL PAIR
OUTPUT STAGE & CONTROL

GS1515-CTM (GENNUM)

SERIAL DIGITAL RECLOCKER

—TOP VIEW—


33 32 31 30 29 28 27 26 25 24 23
34 35 36 37 38 39 40 41 42 43 44
22 21 20 19 18 17 16 15 14 13 12
1 2 3 4 5 6 7 8 9 10 11

INPUTS

$\overline{BYPASS}$: BYPASS
DDI, $\overline{DDI}$: DIFFERENTIAL INPUTS FOR SERIAL DIGITAL SIGNALS
DDI_VTT : CENTER TAP OF THE TWO 50 Ω ON–CHIP TERMINATION
LFS, $\overline{LFS}$: LOOP FILTER CAPACITOR
PLCAP, $\overline{PLCAP}$: PLL LOCK DETECT TIME CONSTANT CAPACITOR
RSET : REGISTOR
VCO, $\overline{VCO}$: DIFFERENTIAL CONTROL INPUTS FOR EXTERNAL VCO

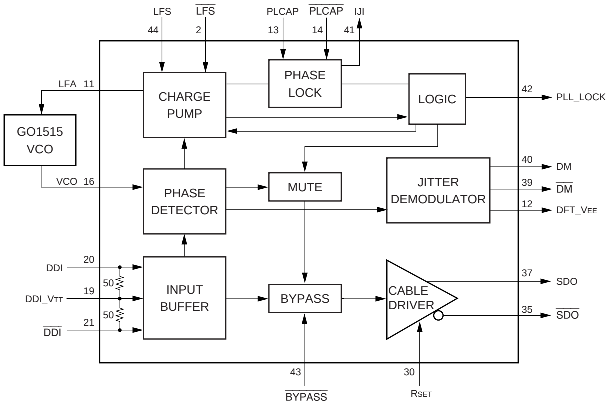
OUTPUTS

DM, $\overline{DM}$: INPUT JITTER DEMODULATION
IJI : INPUT JITTER INDICATOR
LFA : EXTERNAL VCO VOLTAGE CONTROL
PLL_LOCK : LOCK DETECT/CARRIER DETECT
SDO, $\overline{SDO}$: DIFFERENTIAL SERIAL DIGITAL

OTHERS

CD_VCC : MOST POSITIVE POWER SUPPLY
CD_VEE : MOST NEGATIVE POWER SUPPLY
DFT_VEE : MOST NEGATIVE POWER SUPPLY
LFA_VCC : MOST POSITIVE POWER SUPPLY
LFA_VEE : MOST NEGATIVE POWER SUPPLY
NC : NO CONNECTION
PD_VCC : MOST POSITIVE POWER SUPPLY
PD_VEE : MOST NEGATIVE POWER SUPPLY
SHIELD : CONNECT TO GROUND

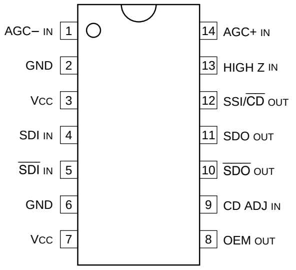
PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	—	NC	12	—	DFT_VEE	23	—	PD_VCC	34	—	NC
2	I	$\overline{LFS}$	13	I	PLCAP	24	—	NC	35	O	$\overline{SDO}$
3	—	NC	14	I	$\overline{PLCAP}$	25	—	NC	36	—	NC
4	—	NC	15	—	SHIELD	26	—	PD_VEE	37	O	SDO
5	—	LFA_VEE	16	I	VCO	27	—	NC	38	—	NC
6	—	NC	17	I	$\overline{VCO}$	28	—	CD_VEE	39	O	$\overline{DM}$
7	—	NC	18	—	SHIELD	29	—	NC	40	O	DM
8	—	LFA_VCC	19	I	DDI_VTT	30	I	RSET	41	O	IJI
9	—	NC	20	I	DDI	31	—	NC	42	O	PLL_LOCK
10	—	NC	21	I	$\overline{DDI}$	32	—	CD_VCC	43	I	$\overline{BYPASS}$
11	O	LFA	22	—	SHIELD	33	—	NC	44	I	LFS


LFS
$\overline{LFS}$
PLCAP
$\overline{PLCAP}$
IJI
44
2
13
14
41
LFA 11
GO1515 VCO
VCO 16
CHARGE PUMP
PHASE LOCK
LOGIC
42
PLL_LOCK
PHASE DETECTOR
MUTE
JITTER DEMODULATOR
40
DM
39
$\overline{DM}$
12
DFT_VEE
DDI
20
DDI_VTT
19
50
50
$\overline{DDI}$
21
INPUT BUFFER
BYPASS
CABLE DRIVER
37
SDO
35
$\overline{SDO}$
43
$\overline{BYPASS}$
30
RSET

GS9024-CTB (GENNUM)

AUTOMATIC CABLE EQUALIZER

—TOP VIEW—

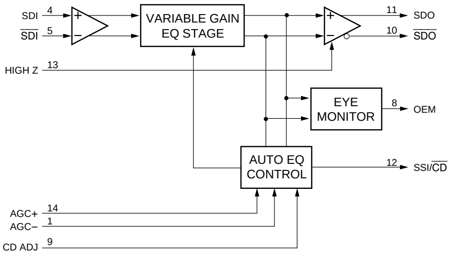

AGC– IN 1
GND 2
VCC 3
SDI IN 4
$\overline{SDI}$ IN 5
GND 6
VCC 7
14 AGC+ IN
13 HIGH Z IN
12 SSI/$\overline{CD}$ OUT
11 SDO OUT
10 $\overline{SDO}$ OUT
9 CD ADJ IN
8 OEM OUT

INPUTS

AGC+, AGC– : EXTERNAL AGC CAPACITOR
CD ADJ : CARRIER DETECT THRESHOLD ADJUST
SDI, $\overline{SDI}$: DIFFERENTIAL SERIAL DIGITAL DATA
HIGH Z : H : SDO, $\overline{SDO}$ OUTPUTS ARE HIGH IMPEDANCE

OUTPUTS

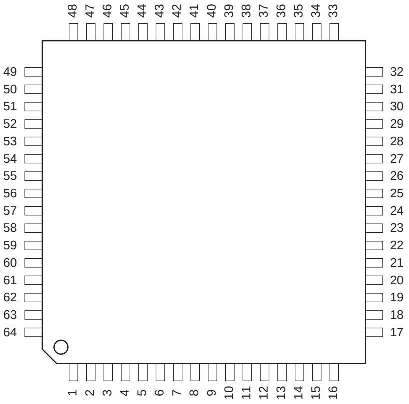
OEM : OUTPUT "EYE" MONITOR
SDO, $\overline{SDO}$: EQUALIZED SERIAL DIGITAL DATA
SSI/$\overline{CD}$: SIGNAL STRENGTH INDICATOR/ CARRIER DETECT


SDI 4
$\overline{SDI}$ 5
VARIABLE GAIN EQ STAGE
11 SDO
10 $\overline{SDO}$
HIGH Z 13
EYE MONITOR
8 OEM
AUTO EQ CONTROL
12 SSI/$\overline{CD}$
AGC+ 14
AGC– 1
CD ADJ 9

ICS1892Y (ICS)

10BASE-T/100BASE-TX PHYSICAL-LAYER DEVICE

—TOP VIEW—


48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33
49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64
32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
1	I	$\overline{NOD}$/REP	17	—	GND	33	I	RXD2	49	O	COL
2	I/O	$\overline{10}$/100SEL	18	—	VCC	34	I	RXD1	50	O	CRS
3	I	10TCSR	19	I	$\overline{MII}$/SI	35	I	RXD0	51	—	GND
4	I	100TCSR	20	—	NC	36	O	RXDV	52	O	REF_OUT
5	O	TP_TX+	21	O	LSTA	37	I	RXCLK	53	I	REF_IN
6	O	TP_TX–	22	I	$\overline{RESET}$	38	O	RXER	54	—	VCC
7	—	GND	23	I	$\overline{HW}$/SW	39	I	RXTRI	55	—	GND
8	—	VCC	24	I/O	DPXSEL	40	—	GND	56	—	VCC
9	I	TPTRI	25	—	VCC	41	—	VCC	57	—	VCC
10	I	TP_RX+	26	—	NC	42	I	TXER	58	I/O	P0AC
11	I	TP_RX–	27	O	LOCK	43	I	TXCLK	59	I/O	P1CL
12	—	NC	28	I	$\overline{10}$/LP	44	I	TXEN	60	I/O	P2LI
13	—	NC	29	—	GND	45	I	TXD0	61	I/O	P3TD
14	—	NC	30	I/O	MDIO	46	I	TXD1	62	I/O	P4RD
15	—	NC	31	I	MDC	47	I	TXD2	63	—	GND
16	—	VCC	32	I	RXD3	48	I	TXD3	64	I/O	ANSEL

INPUTS

$\overline{10}$/LP : 10 MHz SERIAL/LINK PULSE
10TCSR : 10 MHz TRANSMIT CURRENT SET RESISTOR
100TCSR : 100 MHz TRANSMIT CURRENT SET RESISTOR
$\overline{\text{HW}}$/SW : HARDWARE/SOFTWARE SELECT
MDC : MANAGEMENT DATA CLOCK
$\overline{\text{MII}}$/SI : MEDIA INDEPENDENT INTERFACE/STREAM INTERFACE SELECT
$\overline{\text{NOD}}$/REP : NODE/REPEATER SELECT
REF_IN : REFERENCE FREQUENCY
$\overline{\text{RESET}}$: SYSTEM RESET
RXCLK : RECEIVE CLOCK
RXD0 - RXD3 : RECEIVE DATA 0 - 3
RXTRI : RECEIVE INTERFACE 3-STATE
TP_RX+ : TWISTED-PAIR RECEIVE (DATA) POSITIVE
TP_RX– : TWISTED-PAIR RECEIVE (DATA) NEGATIVE
TPTRI : TWISTED-PAIR 3-STATE
TXCLK : TRANSMIT CLOCK
TXD0 - TXD3 : TRANSMIT DATA 0 - 3
TXEN : TRANSMIT ENABLE
TXER : TRANSMIT ERROR

OUTPUTS

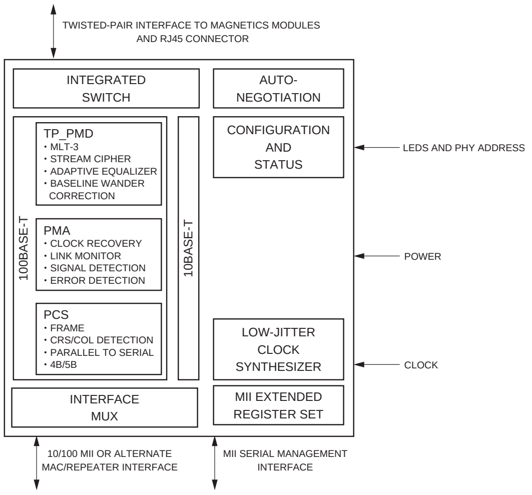
COL : COLLISION
CRS : CARRIER SENSE
LOCK : LOCK
LSTA : LINK STATUS
REF_OUT : REFERENCE FREQUENCY
TP_TX+ : TWISTED-PAIR TRANSMIT (DATA) POSITIVE
TP_TX– : TWISTED-PAIR TRANSMIT (DATA) NEGATIVE

INPUTS/OUTPUTS

$\overline{10}$/100SEL : 10BASE-T/100BASE-TX SELECT
ANSEL : AUTO-NEGOTIATION SELECT
DPXSEL : HALF-DUPLEX/FULL-DUPLEX SELECT
MDIO : MANAGEMENT DATA
P0AC : ADDRESS BIT0/ACTIVITY LED
P1CL : ADDRESS BIT1/COLLISION LED
P2LI : ADDRESS BIT2/LINK INTEGRITY LED
P3TD : ADDRESS BIT3/TRANSMIT DATA LED
P4RD : ADDRESS BIT4/RECEIVE DATA LED
RXDV : RECEIVE DATA VALID
RXER : RECEIVE ERROR

OTHERS

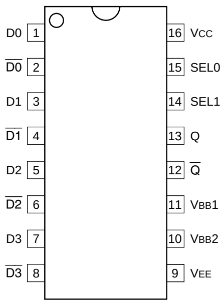
NC : NO CONNECTION


TWISTED-PAIR INTERFACE TO MAGNETICS MODULES AND RJ45 CONNECTOR
INTEGRATED SWITCH
AUTO-NEGOTIATION
TP_PMD
• MLT-3
• STREAM CIPHER
• ADAPTIVE EQUALIZER
• BASELINE WANDER CORRECTION
PMA
• CLOCK RECOVERY
• LINK MONITOR
• SIGNAL DETECTION
• ERROR DETECTION
PCS
• FRAME
• CRS/COL DETECTION
• PARALLEL TO SERIAL
• 4B/5B
100BASE-T
10BASE-T
CONFIGURATION AND STATUS
LEDS AND PHY ADDRESS
POWER
LOW-JITTER CLOCK SYNTHESIZER
CLOCK
INTERFACE MUX
MII EXTENDED REGISTER SET
10/100 MII OR ALTERNATE MAC/REPEATER INTERFACE
MII SERIAL MANAGEMENT INTERFACE

MC100EL57DR2 (MOTOROLA)

4:1 DIFFERENTIAL MULTIPLEXER

—TOP VIEW—


D0 1
$\overline{D0}$ 2
D1 3
$\overline{D1}$ 4
D2 5
$\overline{D2}$ 6
D3 7
$\overline{D3}$ 8
16 VCC
15 SEL0
14 SEL1
13 Q
12 $\overline{Q}$
11 VBB1
10 VBB2
9 VEE

INPUTS

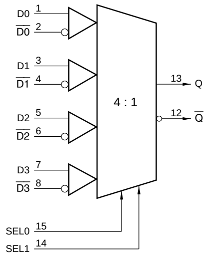
D0 - D3 / $\overline{D0}$ - $\overline{D3}$: DIFFERENTIAL DATA
SEL0, SEL1 : SELECT

OUTPUTS

Q, $\overline{Q}$: DATA
VBB1, VBB2 : REFERENCE

SEL1	SEL0	DATA OUT
0	0	D0
0	1	D1
1	0	D2
1	1	D3

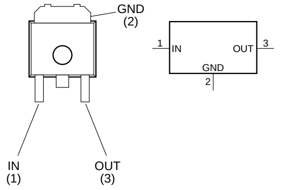
0 : LOW LEVEL
1 : HIGH LEVEL


D0 1
$\overline{D0}$ 2
D1 3
$\overline{D1}$ 4
D2 5
$\overline{D2}$ 6
D3 7
$\overline{D3}$ 8
4 : 1
13 Q
12 $\overline{Q}$
SEL0 15
SEL1 14

NJM78M05DLA(TE1) (JRC)

POSITIVE VOLTAGE REGULATOR

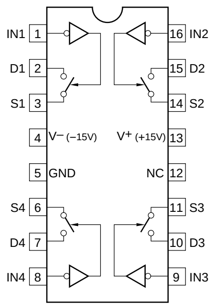
—FRONT VIEW—


GND (2)
IN (1)
OUT (3)
1 IN
OUT 3
GND 2

NJU201AM (JRC)
NJU201AM-T2

C-MOS ANALOG SWITCH

—TOP VIEW—


IN1 1
D1 2
S1 3
4 V– (–15V)
5 GND
S4 6
D4 7
IN4 8
16 IN2
15 D2
14 S2
V+ (+15V) 13
NC 12
11 S3
10 D3
9 IN3

TRUTH TABLE

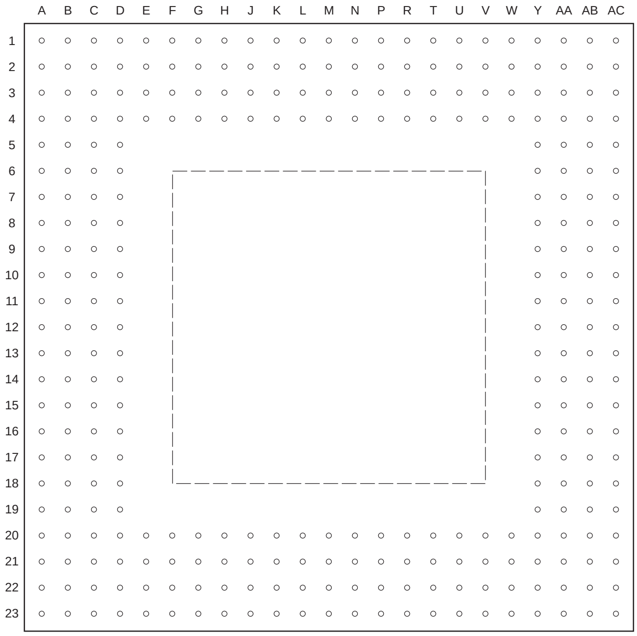
LOGIC (IN)	SWITCH
0	ON
1	OFF

0 : LOW LEVEL
1 : HIGH LEVEL

TQ8033 (TRIQUINT)

64 × 33 EXPANDABLE CROSSPOINT SWITCH

—BOTTOM VIEW—



PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
M20	—	Vcc	U3	O	$\overline{O13}$	Y17	I	D57	AB9	I	$\overline{D43}$
M21	O	O21	U4	O	O15	Y18	—	Vcc	AB10	I	D45
M22	O	$\overline{O21}$	U20	O	$\overline{O31}$	Y19	I	D60	AB11	I	D47
M23	—	GND	U21	O	O29	Y20	—	Vcc	AB12	I	$\overline{D48}$
N1	O	O7	U22	O	O28	Y21	I	D61	AB13	I	$\overline{D49}$
N2	O	$\overline{O7}$	U23	O	$\overline{O28}$	Y22	I	$\overline{D62}$	AB14	I	$\overline{D51}$
N3	O	O8	V1	—	GND	Y23	I	D63	AB15	I	D53
N4	O	$\overline{O8}$	V2	O	O14	AA1	I	$\overline{D33}$	AB16	I	D54
N20	O	O23	V3	O	$\overline{O15}$	AA2	—	GND	AB17	—	NC
N21	O	$\overline{O23}$	V4	—	Vcc	AA3	—	Vcc	AB18	I	D56
N22	O	O22	V20	—	Vcc	AA4	I	D35	AB19	I	D58
N23	O	$\overline{O22}$	V21	O	O31	AA5	—	Vcc	AB20	I	D59
P1	O	O9	V22	O	$\overline{O30}$	AA6	I	D38	AB21	—	GND
P2	O	$\overline{O9}$	V23	—	GND	AA7	I	D40	AB22	—	Vcc
P3	O	O10	W1	O	$\overline{O14}$	AA8	I	D42	AB23	—	GND
P4	O	$\overline{O10}$	W2	I	D32	AA9	I	D43	AC1	—	Vcc
P20	O	O25	W3	—	Vcc	AA10	I	$\overline{D44}$	AC2	—	GND
P21	O	$\overline{O25}$	W4	I	D34	AA11	I	$\overline{D46}$	AC3	I	D36
P22	O	O24	W20	I	$\overline{D61}$	AA12	I	D48	AC4	I	D37
P23	O	$\overline{O24}$	W21	—	Vcc	AA13	I	D50	AC5	I	D39
R1	—	GND	W22	I	$\overline{D63}$	AA14	I	D52	AC6	—	GND
R2	O	O11	W23	O	O30	AA15	I	$\overline{D53}$	AC7	I	$\overline{D41}$
R3	O	$\overline{O11}$	Y1	I	$\overline{D32}$	AA16	—	NC	AC8	—	GND
R4	—	Vcc	Y2	I	D33	AA17	I	$\overline{D55}$	AC9	—	GND
R20	—	Vcc	Y3	I	$\overline{D34}$	AA18	I	$\overline{D57}$	AC10	I	$\overline{D45}$
R21	O	O26	Y4	—	Vcc	AA19	—	Vcc	AC11	I	$\overline{D47}$
R22	O	$\overline{O26}$	Y5	I	$\overline{D35}$	AA20	I	$\overline{D60}$	AC12	—	GND
R23	—	GND	Y6	—	Vcc	AA21	—	Vcc	AC13	I	D49
T1	—	GND	Y7	I	$\overline{D38}$	AA22	—	GND	AC14	I	D51
T2	O	O12	Y8	I	$\overline{D40}$	AA23	I	D62	AC15	—	GND
T3	—	NC	Y9	—	Vcc	AB1	—	GND	AC16	—	GND
T4	O	O13	Y10	I	D44	AB2	—	Vcc	AC17	I	$\overline{D54}$
T20	O	$\overline{O29}$	Y11	I	D46	AB3	—	GND	AC18	—	GND
T21	O	O27	Y12	—	Vcc	AB4	I	$\overline{D36}$	AC19	I	$\overline{D56}$
T22	O	$\overline{O27}$	Y13	I	$\overline{D50}$	AB5	I	$\overline{D37}$	AC20	I	$\overline{D58}$
T23	—	GND	Y14	I	$\overline{D52}$	AB6	I	$\overline{D39}$	AC21	I	$\overline{D59}$
U1	O	$\overline{O12}$	Y15	—	Vcc	AB7	I	D41	AC22	—	GND
U2	—	NC	Y16	I	D55	AB8	I	$\overline{D42}$	AC23	—	Vcc

PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL	PIN NO.	I/O	SIGNAL
A1	—	Vcc	B16	I	$\overline{D7}$	D8	I	D20	G22	I	OADD3
A2	—	GND	B17	I	D6	D9	—	Vcc	G23	O	$\overline{O32}$
A3	I	$\overline{D24}$	B18	I	$\overline{D4}$	D10	I	$\overline{D17}$	H1	—	GND
A4	I	$\overline{D23}$	B19	I	$\overline{D2}$	D11	I	$\overline{D15}$	H2	O	$\overline{O0}$
A5	I	$\overline{D21}$	B20	I	$\overline{D1}$	D12	—	Vcc	H3	O	O0
A6	—	GND	B21	—	GND	D13	I	D11	H4	I	$\overline{D30}$
A7	I	$\overline{D19}$	B22	—	Vcc	D14	I	D9	H20	I	OADD2
A8	—	GND	B23	—	GND	D15	—	Vcc	H21	I	OADD4
A9	—	GND	C1	—	VCS2_BIAS	D16	I	$\overline{D5}$	H22	O	O32
A10	I	D16	C2	—	GND	D17	I	$\overline{D3}$	H23	—	GND
A11	I	D14	C3	—	Vcc	D18	—	Vcc	J1	—	GND
A12	—	GND	C4	I	$\overline{D25}$	D19	I	$\overline{D0}$	J2	O	$\overline{O1}$
A13	I	$\overline{D12}$	C5	—	Vcc	D20	—	Vcc	J3	O	O1
A14	I	$\overline{D10}$	C6	I	$\overline{D22}$	D21	—	Vcc	J4	—	Vcc
A15	—	GND	C7	I	$\overline{D20}$	D22	I	CONFIGURE	J20	—	Vcc
A16	—	GND	C8	—	NC	D23	I	IADD1	J21	O	$\overline{O16}$
A17	I	$\overline{D6}$	C9	I	$\overline{D18}$	E1	I	D29	J22	O	O16
A18	—	GND	C10	I	D17	E2	I	$\overline{D27}$	J23	—	GND
A19	I	D4	C11	I	D15	E3	I	$\overline{D26}$	K1	O	$\overline{O3}$
A20	I	D2	C12	I	D13	E4	I	MONITOR_LD	K2	O	O3
A21	I	D1	C13	I	$\overline{D11}$	E20	I	RESET	K3	O	$\overline{O2}$
A22	—	GND	C14	I	$\overline{D9}$	E21	I	IADD0	K4	O	O2
A23	—	Vcc	C15	I	D8	E22	I	IADD2	K20	O	$\overline{O17}$
B1	—	GND	C16	I	D7	E23	I	IADD5	K21	O	O17
B2	—	Vcc	C17	I	D5	F1	—	GND	K22	O	$\overline{O18}$
B3	—	GND	C18	I	D3	F2	I	$\overline{D29}$	K23	O	O18
B4	I	D24	C19	—	Vcc	F3	I	D28	L1	O	$\overline{O5}$
B5	I	D23	C20	I	D0	F4	—	Vcc	L2	O	O5
B6	I	D21	C21	—	Vcc	F20	—	Vcc	L3	O	$\overline{O4}$
B7	—	NC	C22	—	GND	F21	I	IADD3	L4	O	O4
B8	I	D19	C23	I	LOAD	F22	I	OADD0	L20	O	$\overline{O19}$
B9	I	D18	D1	I	D27	F23	—	GND	L21	O	O19
B10	I	$\overline{D16}$	D2	I	D26	G1	I	$\overline{D31}$	L22	O	$\overline{O20}$
B11	I	$\overline{D14}$	D3	—	Vcc	G2	I	D31	L23	O	O20
B12	I	$\overline{D13}$	D4	—	Vcc	G3	I	D30	M1	—	GND
B13	I	D12	D5	I	D25	G4	I	$\overline{D28}$	M2	O	$\overline{O6}$
B14	I	D10	D6	—	Vcc	G20	I	IADD4	M3	O	O6
B15	I	$\overline{D8}$	D7	I	D22	G21	I	OADD1	M4	—	Vcc

INPUTS

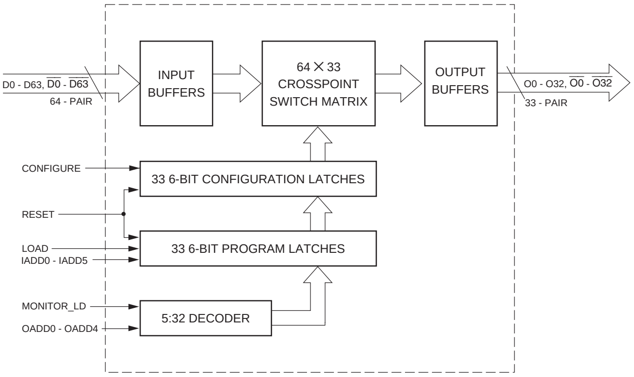
CONFIGURE : CONFIGURATION PROGRAM DATA
D0 - D63, $\overline{D0}$ - $\overline{D63}$: DATA
IADD0 - IADD5 : INPUT ADDRESS
LOAD : LATCH CONTROL
MONITOR_LD : MONITOR LOAD
OADD0 - OADD4 : OUTPUT ADDRESS
RESET : RESET

OUTPUTS

O0 - O32, $\overline{O0}$ - $\overline{O32}$: DATA

OTHERS

NC : NO CONNECTION
VCS2_BIAS : INTERNAL BIASING


D0 - D63, $\overline{D0}$ - $\overline{D63}$
64 - PAIR
INPUT BUFFERS
64 × 33 CROSSPOINT SWITCH MATRIX
OUTPUT BUFFERS
O0 - O32, $\overline{O0}$ - $\overline{O32}$
33 - PAIR
CONFIGURE
33 6-BIT CONFIGURATION LATCHES
RESET
LOAD
IADD0 - IADD5
33 6-BIT PROGRAM LATCHES
MONITOR_LD
OADD0 - OADD4
5:32 DECODER

http://getMANUAL.com

Section 3
Circuit Description and Block Diagrams

3-1. Circuit Outline

CPU-317 Board (HDS-X3400/X3600/X3700)

In the HDS-X3600/X3700, the CPU-317 board is used by connecting with the CPU-294 board. In the HDS-X3400, the CPU-317 board is used by connecting with the VSW-68 board.

The CPU-317 board consists of the main CPU (IDT79RV4700-133DP), bus controller (NDR5000LBGC-66), the two 512 kbyte boot program ROMs, the 4 Mbyte application program storage ROM, the 64 Mbyte work RAM and the 32 kbyte battery backup SRAM. The application program that is stored in the application program ROM is loaded to the work RAM during startup, and is executed.

This application program performs communication with the local CPU on the CPU-294 board/VSW-68 board, switching of the cross-points and control of the initializing terminal of the respective boards.

In addition to the above-described functions, the CPU-317 board has the network function. The Ethernet physical address that is necessary for network connection is saved in the exclusive serial EEPROM (93LC46BT/SN).

All buses of the CPU-317 board are not directly connected to the mother board, but are connected to the CPU-294/VSW-68 board via CN1/CN2. The application program is once processed in terms of hardware and software by the CPU-294/VSW-68 board.

CPU-294 Board (HDS-X3600/X3700)

The CPU-294 board is used by connecting with the CPU-317 board.

The CPU-294 board consists of the buffer that is used to connect with the CPU-317 board, the CPU and transceiver blocks that are used to control communication with the main S-BUS, the CPU and transceiver blocks that are used to control communication with the monitor S-BUS, the RS-232C transceiver, the RS-422 transceiver and the parallel port that are used to control the respective boards.

The CPU and transceiver blocks that are used to control communication with the main/monitor S-BUSes, consist of the MPU (KL5C80A20CFP), the 512 kbyte flash ROM (SST29F512), the 1 Mbyte SRAM (IDT71024S20Y-TL) and the 2 kbyte dual port RAM (CY7C136). These blocks perform communication via the CPU and the dual port RAM on the CPU-317 board, and control the communication of the REMOTE 1 connector with the S-BUS protocol.

Switching between the main system and the backup system during the redundant mode of operation is controlled by means of the hardware. When switching takes place, it is notified to the CPU-317 board by the interrupt from the hardware.

The power supply circuit that is common to all systems is used, and is controlled by the switching regulator control IC (TL1451ACNS).

VSW-68 Board (HDS-X3400)

The VSW-68 board is used by connecting with the CPU-317 board.

The VSW-68 board consists of the control system block and the signal system block.

The control system block consists of the CPU and transceiver block that are used to control communication with the main S-BUS, the RS-232C transceiver, the RS-422 transceiver and the parallel port that is used to control the respective boards.

The signal system block consists of the distribute block, the matrix block and the output (re-clocking) block.

The CPU block that is used to control communication with the main S-BUS, consists of the MPU (KL5C80A20CFP), the 512 kbyte flash ROM (SST29F512), the 1 Mbyte SRAM (IDT71024S20Y-TL) and the 2 kbyte dual port RAM (CY7C136). This block performs communication via the CPU and the dual port RAM on the CPU-317 board, and controls the communication of the REMOTE 1 connector with the S-BUS protocol.

The distribute block contains the 16 distribution blocks. Each block distributes the input differential signal having the ECL level to the two outputs using the 1-to-2 distribution IC (MC100EL11D).

The matrix block contains the four 8 × 8 cross-point ICs (CLC018AJVJQ) and realizes the 16 × 16 cross-point circuit.

The output (re-clocking) block contains the 16 re-clocking ICs (GS1015) that reduce the signal jitter. Each re-clocking IC is assigned for each channel.

The power supply circuit that is common to all systems is used, and is controlled by the switching regulator control IC (TL1451ACNS).

CN-1875 Board (HDS-X3700)

The V. sync and the H. sync signals are separated from the input reference black burst signal using a sync separator IC (LM1881M), and are sent to the CPU board.

For the future expansion when the audio signal will be handled, the audio word sync signal generator circuit that is locked to the input reference signal, consists of the PLD (EPM7032SLC44) and its peripheral circuit including the 4.8 MHz oscillator and other devices.

The equivalent circuits are installed in order to support the reference signals of the two input systems (A/B). The both of REMOTE 1 and 4 (S-BUSes) and the REMOTE 2 (RS-422) signals simply pass through this circuit board. But the REMOTE 3 (RS-232C) signal is processed by the interface I/F IC (MAX238CWG).

The ALARM signal and the NETWORK signal (A/B) simply pass through the circuit board and the mother board, and sent to the CPU board.

CKG-28 Board (HDS-X3600)

The V. sync and the H. sync signals are separated from the input reference black burst signal using a sync separator IC (LM1881M), and are sent to the CPU board.

For the future expansion when the audio signal will be handled, the audio word sync signal generator circuit that is locked to the input reference signal, consists of the PLD (EPM7032SLC44) and its peripheral circuit including the 4.8 MHz oscillator and other devices.

The NETWORK signal simply passes through the circuit board and the mother board, and sent to the CPU board.

IPM-95 Board (HKDS-X3010)

(DISTRIBUTION BOARD)

The IPM-95 board contains the 32 distribution blocks. Each block distributes the input differential signal having the ECL level to the four outputs using the 2-stagger stages of the 1-to-2 distribution IC (MC100EL11D).

The PIO IC (CXD1095BQ) is used in the circuit that sends the information such as existence of input signal or not and others, to the CPU board.

The power supply circuit that is common to all systems is used, and is controlled by the switching regulator control IC (TL1451ACNS).

CNI-7 Board (HKDS-X3011)

(SDTV SERIAL INPUT BOARD)

The CNI-7 board contains the 16 level-shift blocks. Each block shifts the input signal to the equalizer IC (GS9024) that supports the SDTV SDI signal, to the differential ECL level.

The power supply circuit that is common to all systems is used, and is controlled by the switching regulator control IC (TL1451ACNS).

CNI-5 Board (HKDS-X3014)

(SERIAL INPUT BOARD)

The CNI-5 board contains the 16 level-shift blocks. Each block shifts the input signal to the equalizer IC (GS1504) that supports the HDTV SDI signal, to the differential ECL level.

The power supply circuit that is common to all systems is used, and is controlled by the switching regulator control IC (TL1451ACNS).

MX-96 Board (HKDS-X3060)

(MATRIX BOARD)

The differential ECL level signals of 128 systems that are supplied from the IPM-95 board, are converted to the 33 output systems (OUTPUT × 32/MONITOR × 1) using the 128 × 33 cross-point circuit that consist of the 2 cross-point ICs (TQ8033) each has 64 × 33 cross-points and the 33 2-to-1 selector ICs (MC100EL57DR).

The signals of the 33 output systems pass through the re-clocking IC (GS1015) where jitter is reduced, and are outputted.

The PIO IC (CXD1095BQ) is used in the circuit that sends the information such as existence of output signal, to the CPU board.

The power supply circuit that is common to all systems is used, and is controlled by the switching regulator control IC (TL1451ACNS).

CNO-5 Board (HKDS-X3064)

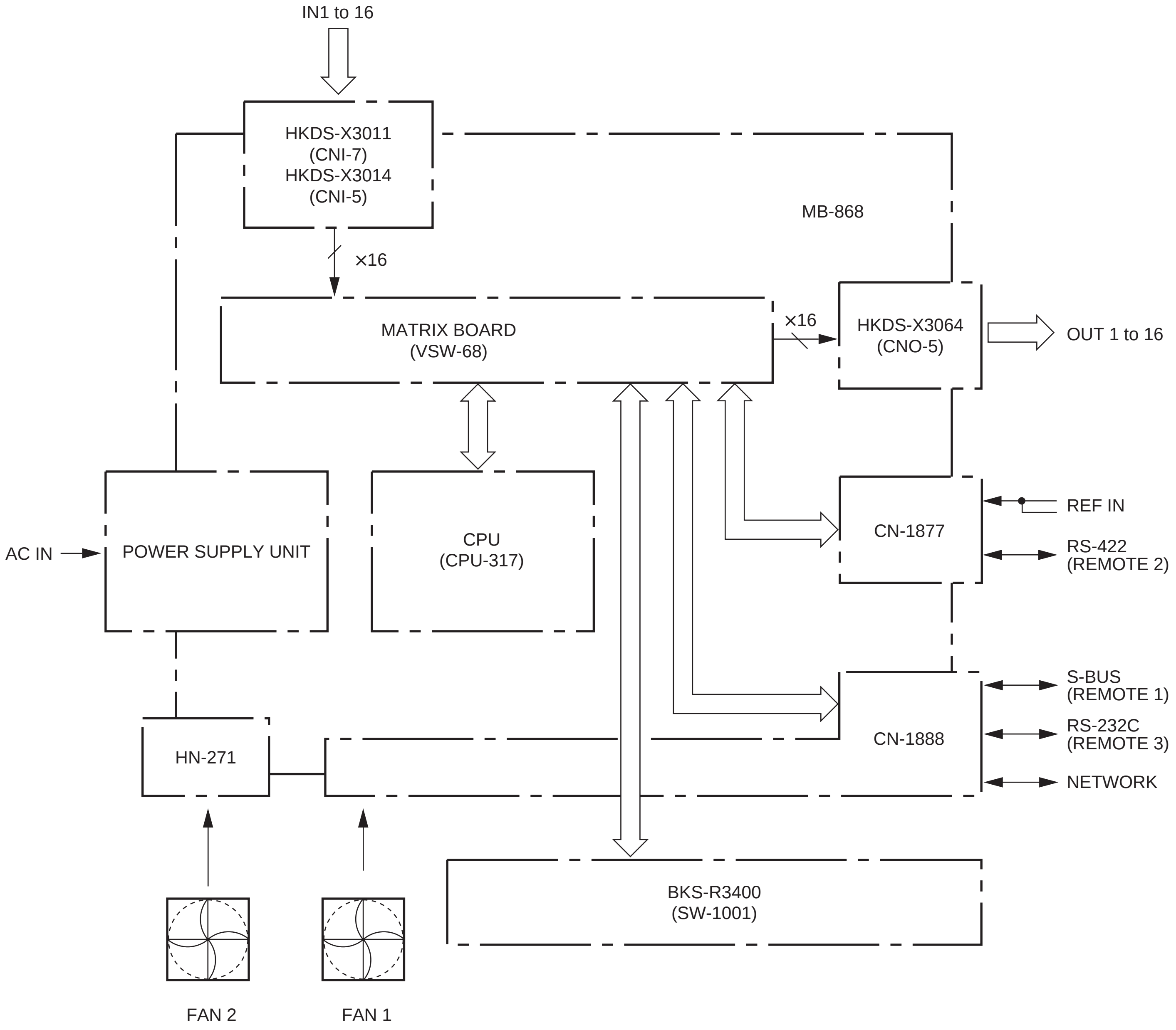
(SERIAL OUTPUT BOARD)

The CNO-5 board contains the 17 level-shift blocks. Each block shifts the input differential ECL level signal to the cable driver IC (GS1508) that supports the HDTV SDI signal, to the SDI signal. (OUPTUT × 16/MONITOR × 1)

The power supply circuit that is common to all systems is used, and is controlled by the switching regulator control IC (TL1451ACNS).

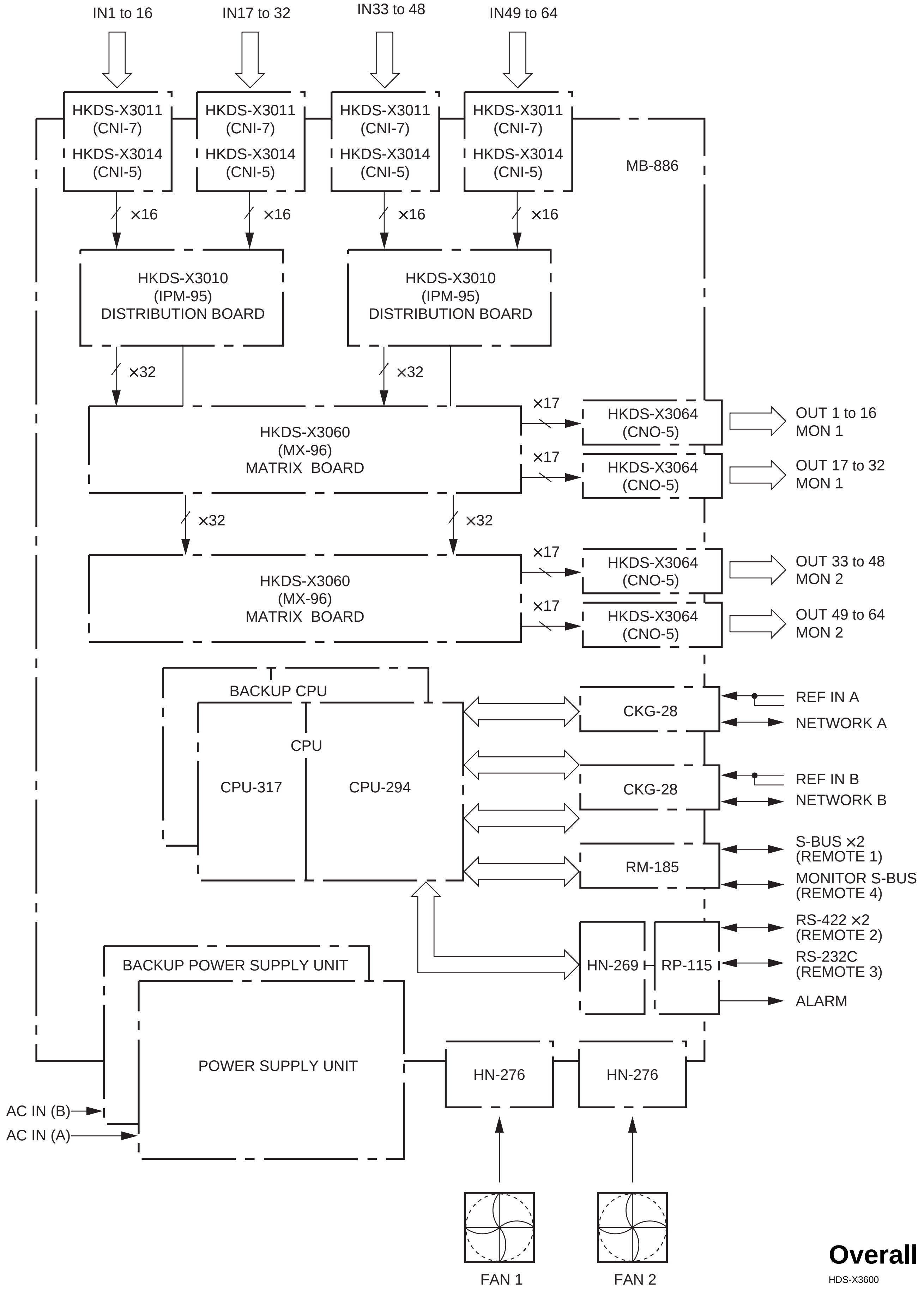
3-2. Block Diagrams

HDS-X3400 : S/N 10001 and Higher


IN1 to 16
HKDS-X3011
(CNI-7)
HKDS-X3014
(CNI-5)
MB-868
×16
MATRIX BOARD
(VSW-68)
×16
HKDS-X3064
(CNO-5)
OUT 1 to 16
REF IN
RS-422
(REMOTE 2)
CN-1877
AC IN
POWER SUPPLY UNIT
CPU
(CPU-317)
S-BUS
(REMOTE 1)
RS-232C
(REMOTE 3)
NETWORK
CN-1888
HN-271
BKS-R3400
(SW-1001)
FAN 2
FAN 1

Overall
HDS-X3400

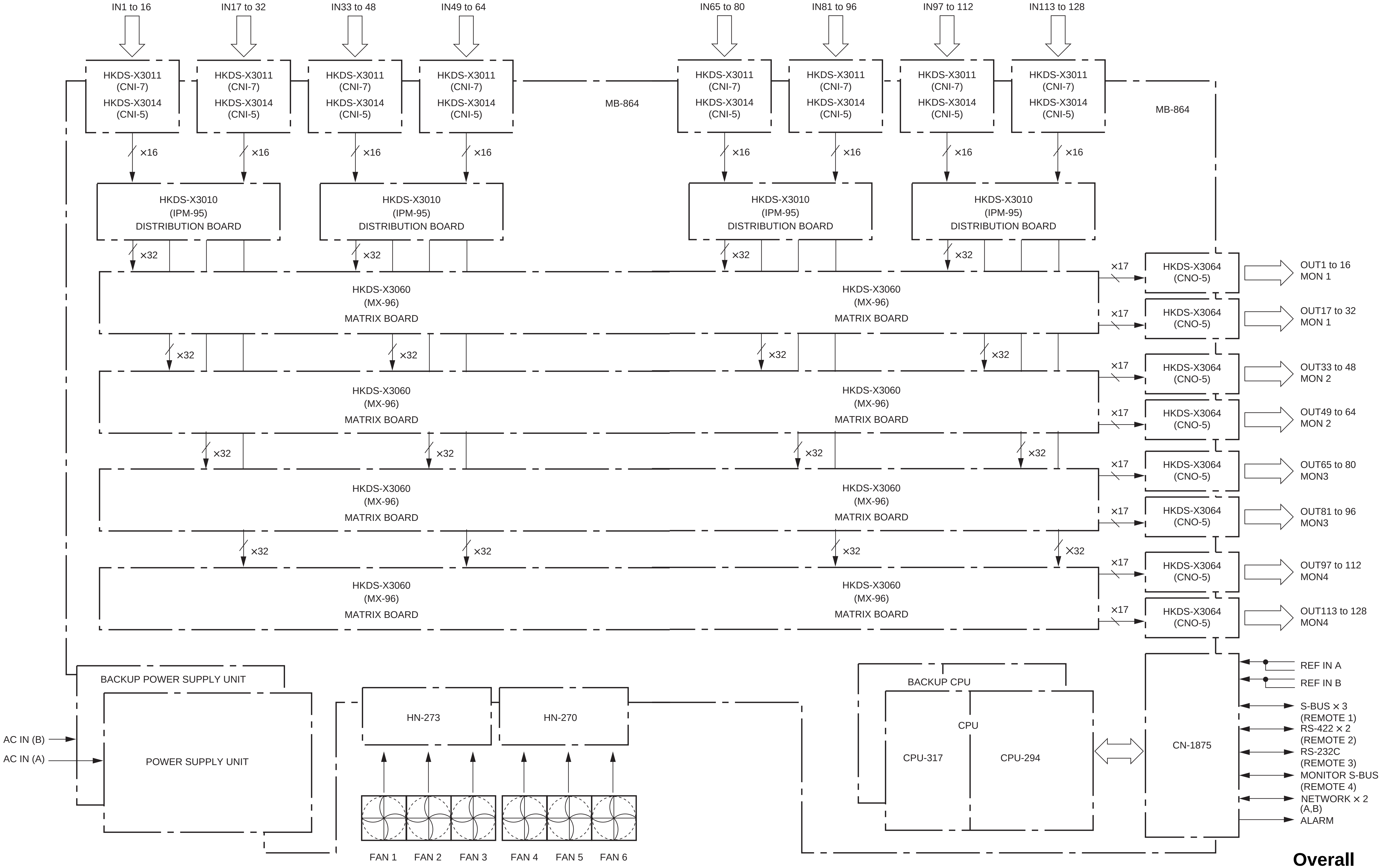
HDS-X3600 : S/N 10001 and Higher


IN1 to 16
IN17 to 32
IN33 to 48
IN49 to 64
HKDS-X3011
(CNI-7)
HKDS-X3014
(CNI-5)
MB-886
×16
HKDS-X3010
(IPM-95)
DISTRIBUTION BOARD
×32
HKDS-X3060
(MX-96)
MATRIX BOARD
×17
HKDS-X3064
(CNO-5)
OUT 1 to 16
MON 1
OUT 17 to 32
MON 1
OUT 33 to 48
MON 2
OUT 49 to 64
MON 2
BACKUP CPU
CPU
CPU-317
CPU-294
CKG-28
REF IN A
NETWORK A
REF IN B
NETWORK B
RM-185
S-BUS ×2
(REMOTE 1)
MONITOR S-BUS
(REMOTE 4)
HN-269
RP-115
RS-422 ×2
(REMOTE 2)
RS-232C
(REMOTE 3)
ALARM
BACKUP POWER SUPPLY UNIT
POWER SUPPLY UNIT
HN-276
AC IN (B)
AC IN (A)
FAN 1
FAN 2

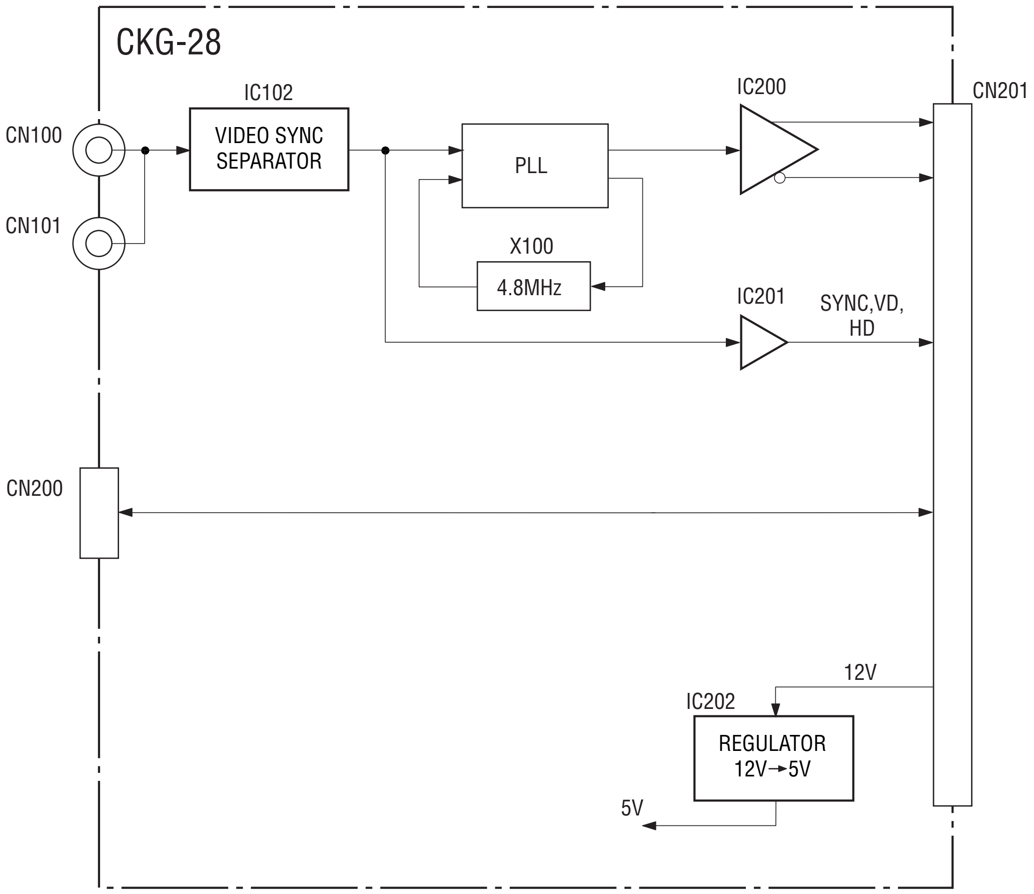
Overall

HDS-X3600

HDS-X3700 : S/N 10001 and Higher


IN1 to 16
IN17 to 32
IN33 to 48
IN49 to 64
IN65 to 80
IN81 to 96
IN97 to 112
IN113 to 128
HKDS-X3011
(CNI-7)
HKDS-X3014
(CNI-5)
MB-864
×16
HKDS-X3010
(IPM-95)
DISTRIBUTION BOARD
×32
HKDS-X3060
(MX-96)
MATRIX BOARD
×17
HKDS-X3064
(CNO-5)
OUT1 to 16
MON 1
OUT17 to 32
MON 1
OUT33 to 48
MON 2
OUT49 to 64
MON 2
OUT65 to 80
MON3
OUT81 to 96
MON3
OUT97 to 112
MON4
OUT113 to 128
MON4
BACKUP POWER SUPPLY UNIT
POWER SUPPLY UNIT
AC IN (B)
AC IN (A)
HN-273
HN-270
FAN 1
FAN 2
FAN 3
FAN 4
FAN 5
FAN 6
BACKUP CPU
CPU
CPU-317
CPU-294
CN-1875
REF IN A
REF IN B
S-BUS × 3
(REMOTE 1)
RS-422 × 2
(REMOTE 2)
RS-232C
(REMOTE 3)
MONITOR S-BUS
(REMOTE 4)
NETWORK × 2
(A,B)
ALARM

HDS-X3600 : S/N 10001 and Higher

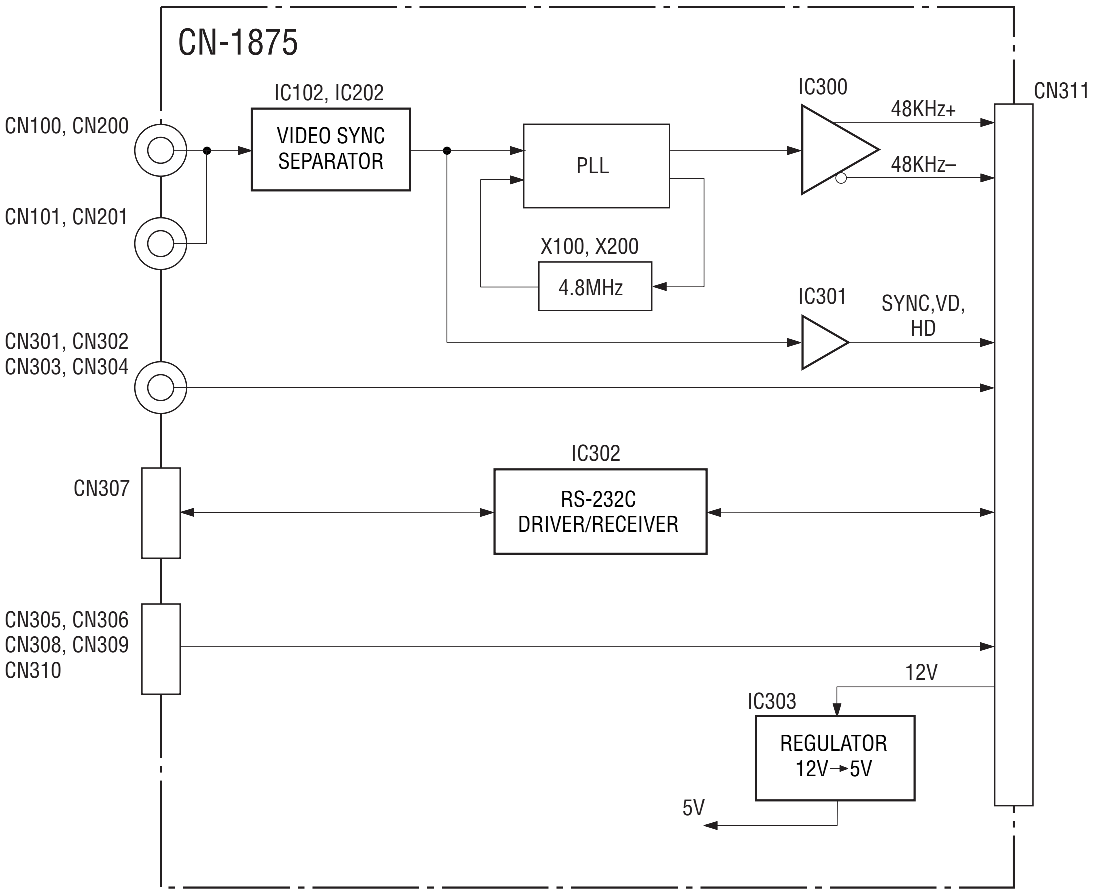

CKG-28
CN100
CN101
IC102
VIDEO SYNC SEPARATOR
PLL
X100
4.8MHz
IC200
IC201
SYNC,VD, HD
CN201
CN200
IC202
REGULATOR 12V→5V
12V
5V

Sync Separator

CKG-28

HDS-X3600

HDS-X3700 : S/N 10001 and Higher

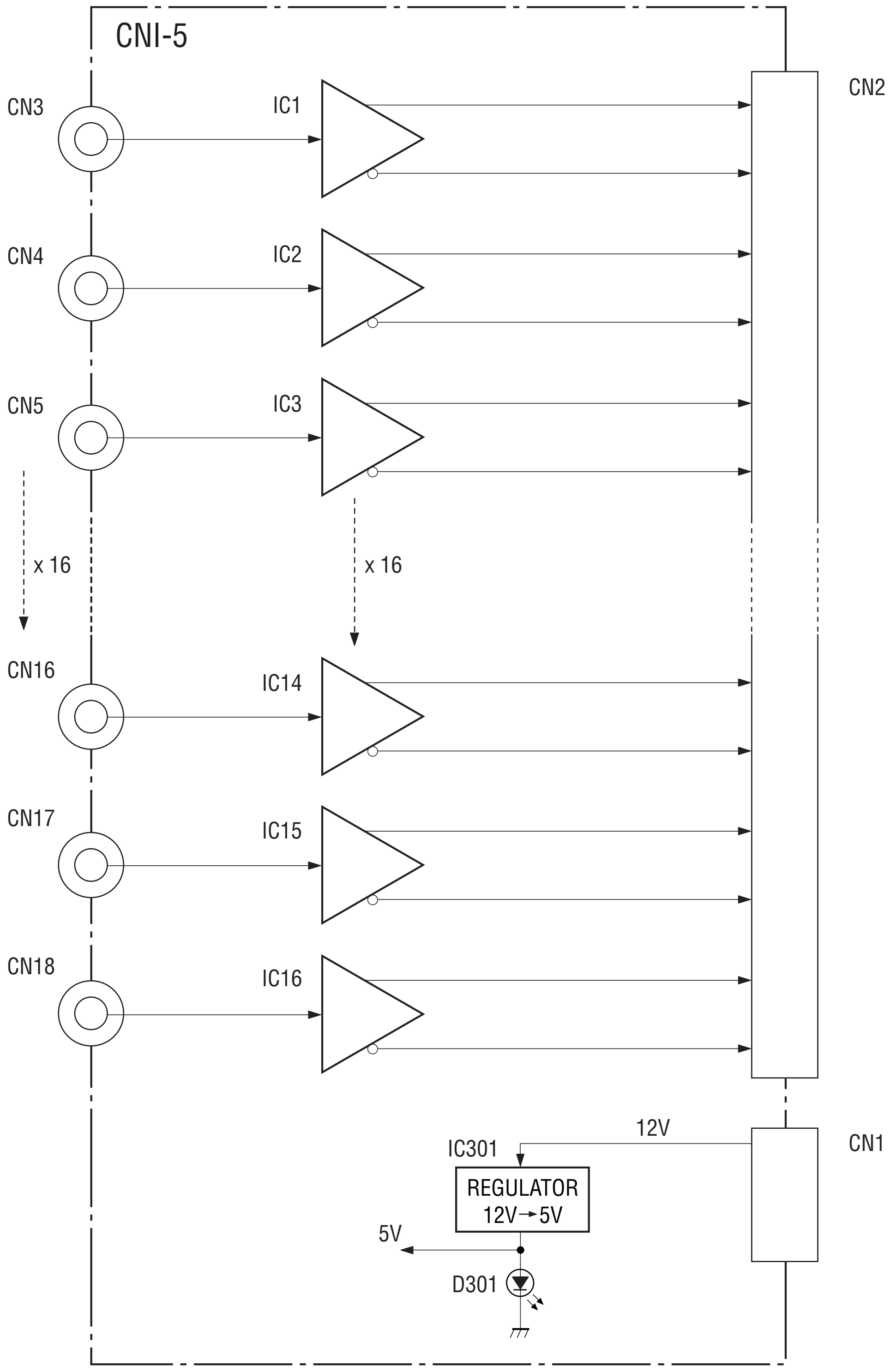

CN-1875
CN100, CN200
CN101, CN201
IC102, IC202
VIDEO SYNC SEPARATOR
PLL
X100, X200
4.8MHz
IC300
48KHz+
48KHz–
IC301
SYNC,VD, HD
CN311
CN301, CN302
CN303, CN304
IC302
RS-232C DRIVER/RECEIVER
CN307
CN305, CN306
CN308, CN309
CN310
IC303
REGULATOR 12V→5V
12V
5V

Sync Separator

CN-1875

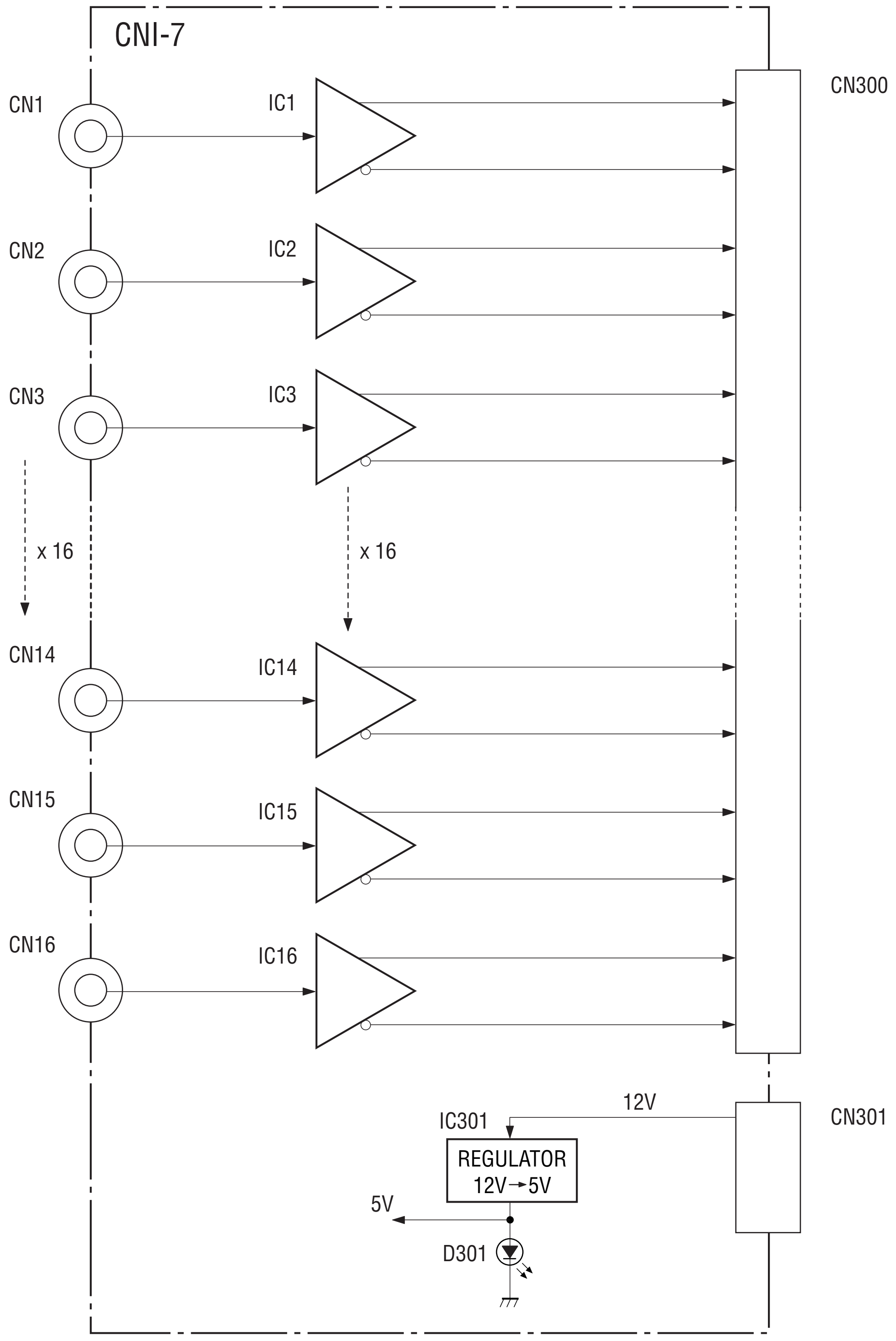
HDS-X3700

HKDS-X3014 : S/N 10001 and Higher


CNI-5
CN3
IC1
CN2
CN4
IC2
CN5
IC3
x 16
x 16
CN16
IC14
CN17
IC15
CN18
IC16
IC301
12V
CN1
REGULATOR
12V→5V
5V
D301

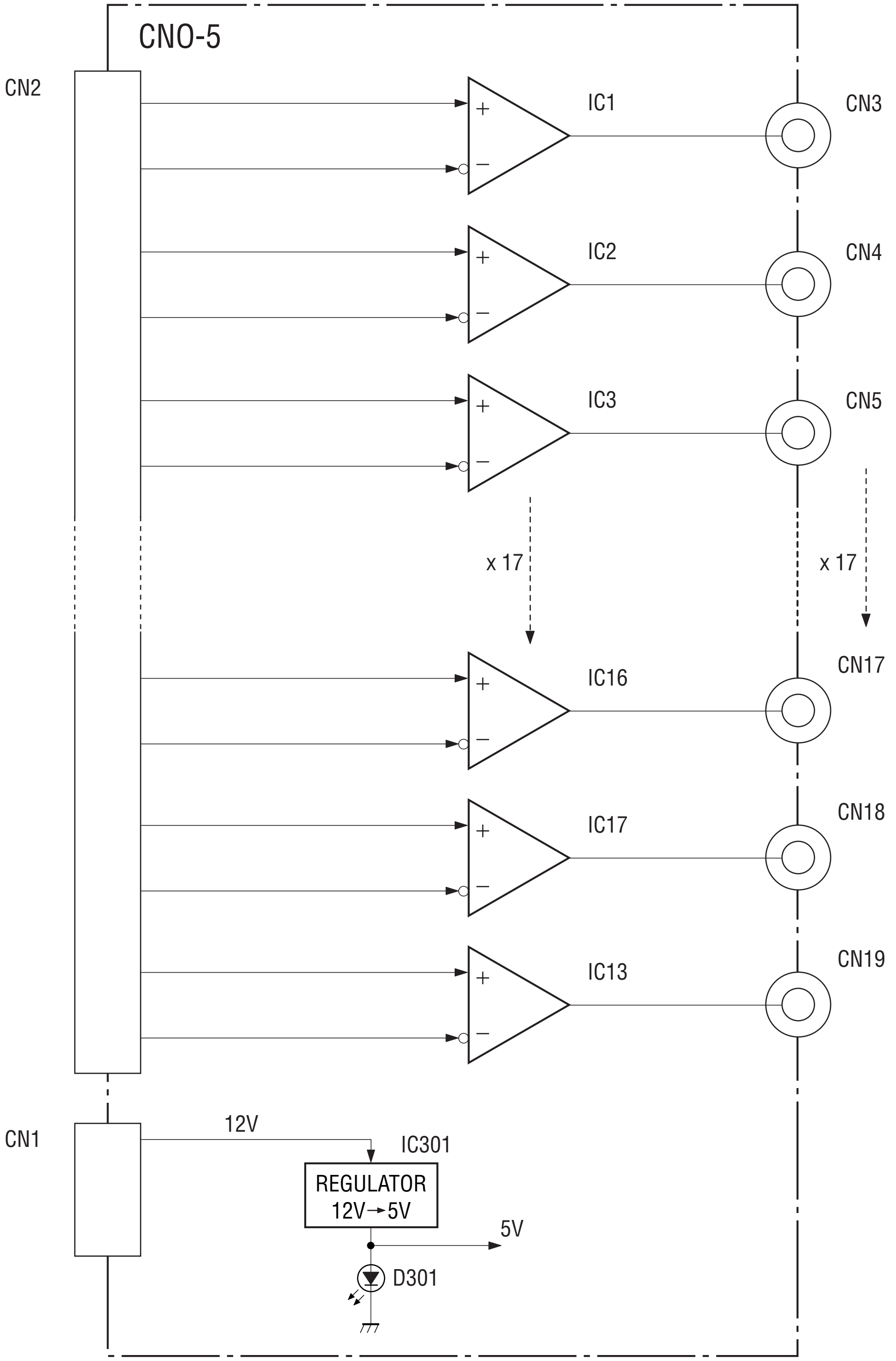
Serial Input
CNI-5
HKDS-X3014

HKDS-X3011 : S/N 10001 and Higher


CNI-7
CN1
IC1
CN300
CN2
IC2
CN3
IC3
x 16
x 16
CN14
IC14
CN15
IC15
CN16
IC16
IC301
12V
CN301
REGULATOR
12V→5V
5V
D301

SDTV Serial Input
CNI-7
HKDS-X3011

HKDS-X3064 : S/N 10001 and Higher

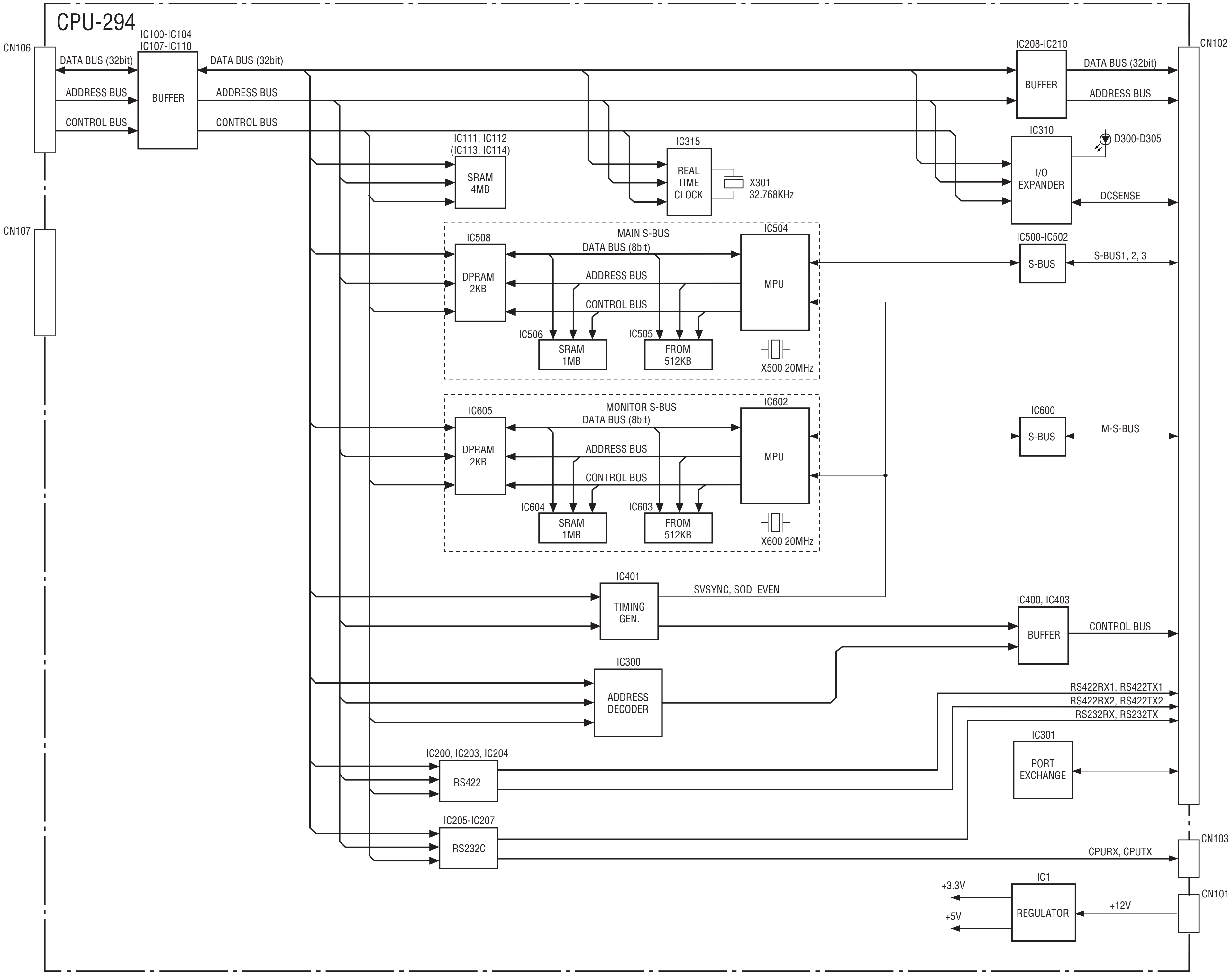

CNO-5
CN2
IC1
CN3
IC2
CN4
IC3
CN5
x 17
x 17
IC16
CN17
IC17
CN18
IC13
CN19
CN1
12V
IC301
REGULATOR
12V→5V
5V
D301

Serial Output

CNO-5

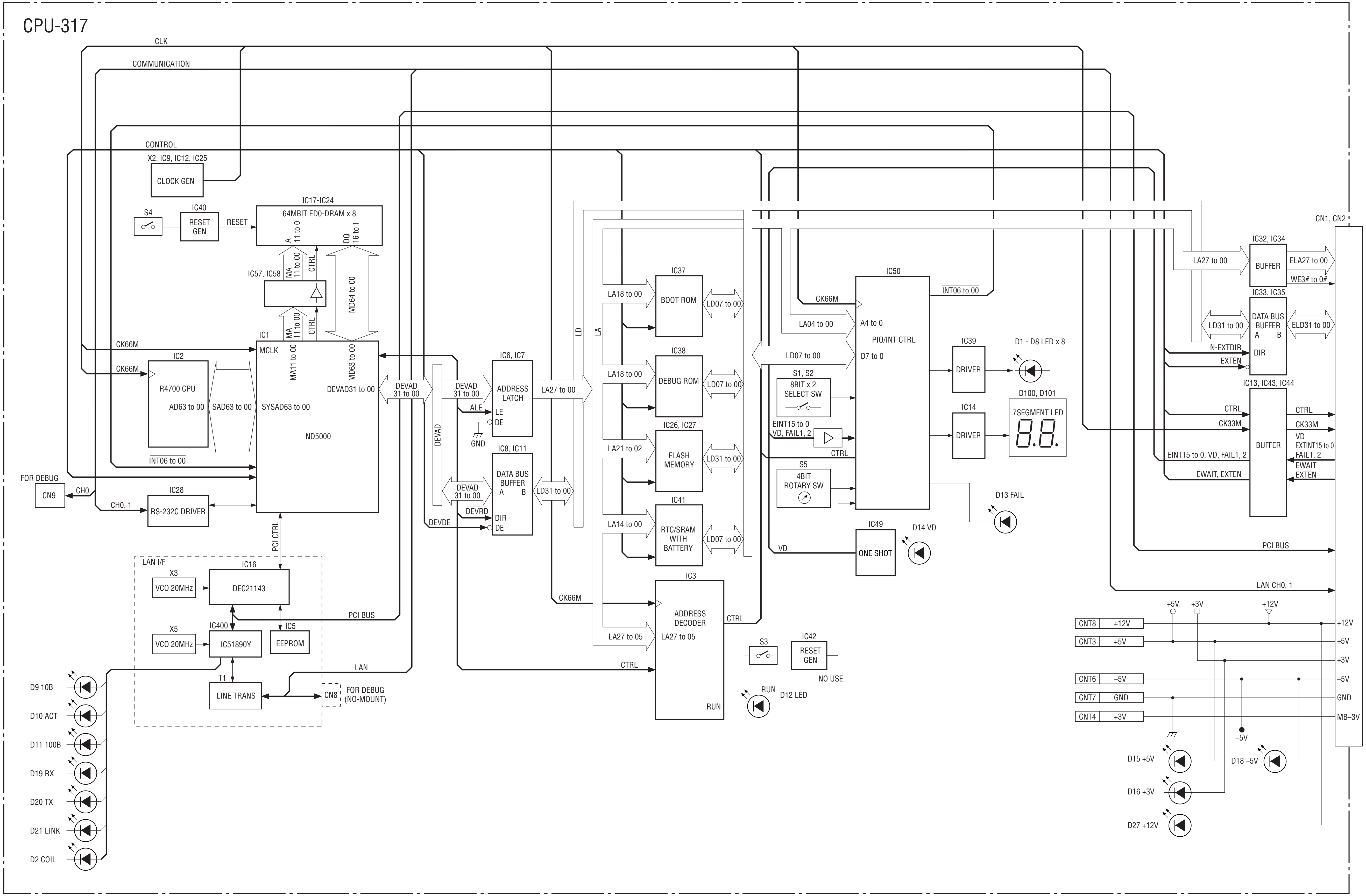
HKDS-X3064

HDS-X3600 : S/N 10001 and Higher
HDS-X3700 : S/N 10001 and Higher


CPU-294
CN106
CN107
DATA BUS (32bit)
ADDRESS BUS
CONTROL BUS
IC100-IC104
IC107-IC110
BUFFER
DATA BUS (32bit)
ADDRESS BUS
CONTROL BUS
IC111, IC112
(IC113, IC114)
SRAM
4MB
IC315
REAL
TIME
CLOCK
X301
32.768KHz
IC208-IC210
BUFFER
DATA BUS (32bit)
ADDRESS BUS
CN102
IC310
I/O
EXPANDER
D300-D305
DCSENSE
IC508
DPRAM
2KB
MAIN S-BUS
DATA BUS (8bit)
ADDRESS BUS
CONTROL BUS
IC504
MPU
IC506
SRAM
1MB
IC505
FROM
512KB
X500 20MHz
IC500-IC502
S-BUS
S-BUS1, 2, 3
IC605
DPRAM
2KB
MONITOR S-BUS
DATA BUS (8bit)
ADDRESS BUS
CONTROL BUS
IC602
MPU
IC604
SRAM
1MB
IC603
FROM
512KB
X600 20MHz
IC600
S-BUS
M-S-BUS
IC401
TIMING
GEN.
SVSYNC, SOD_EVEN
IC400, IC403
BUFFER
CONTROL BUS
IC300
ADDRESS
DECODER
RS422RX1, RS422TX1
RS422RX2, RS422TX2
RS232RX, RS232TX
IC301
PORT
EXCHANGE
IC200, IC203, IC204
RS422
IC205-IC207
RS232C
CN103
CPURX, CPUTX
IC1
REGULATOR
+3.3V
+5V
+12V
CN101

Network Control
CPU-294
HDS-X3600
HDS-X3700

HDS-X3400 : S/N 10001 and Higher
HDS-X3600 : S/N 10001 and Higher
HDS-X3700 : S/N 10001 and Higher


CPU-317
CLK
COMMUNICATION
CONTROL
X2, IC9, IC12, IC25
CLOCK GEN
S4
IC40
RESET GEN
RESET
IC17-IC24
64MBIT EDO-DRAM x 8
A 11 to 0
DQ 16 to 1
IC57, IC58
MA 11 to 00
CTRL
MD64 to 00
IC1
MCLK
MA11 to 00
MD63 to 00
DEVAD31 to 00
SYSAD63 to 00
ND5000
CK66M
IC2
R4700 CPU
AD63 to 00
SAD63 to 00
INT06 to 00
FOR DEBUG
CN9
CH0
CH0, 1
IC28
RS-232C DRIVER
PCI CTRL
LAN I/F
X3
VCO 20MHz
IC16
DEC21143
X5
VCO 20MHz
IC400
IC51890Y
IC5
EEPROM
T1
LINE TRANS
CN8
FOR DEBUG (NO-MOUNT)
PCI BUS
LAN
D9 10B
D10 ACT
D11 100B
D19 RX
D20 TX
D21 LINK
D2 COIL
DEVAD 31 to 00
DEVAD
DEVDE
DEVRD
ALE
GND
IC6, IC7
ADDRESS LATCH
LE
DE
LA27 to 00
IC8, IC11
DATA BUS BUFFER
A B
DIR
DE
LD31 to 00
LD
LA
CK66M
CTRL
IC37
LA18 to 00
BOOT ROM
LD07 to 00
IC38
LA18 to 00
DEBUG ROM
LD07 to 00
IC26, IC27
LA21 to 02
FLASH MEMORY
LD31 to 00
IC41
LA14 to 00
RTC/SRAM WITH BATTERY
LD07 to 00
IC3
ADDRESS DECODER
LA27 to 05
LA27 to 05
CTRL
RUN
RUN
D12 LED
S3
IC42
RESET GEN
NO USE
IC50
CK66M
LA04 to 00
A4 to 0
PIO/INT CTRL
LD07 to 00
D7 to 0
INT06 to 00
S1, S2
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WE3# to 0#
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DATA BUS BUFFER
A B
DIR
ELD31 to 00
N-EXTDIR
EXTEN
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CTRL
CK33M
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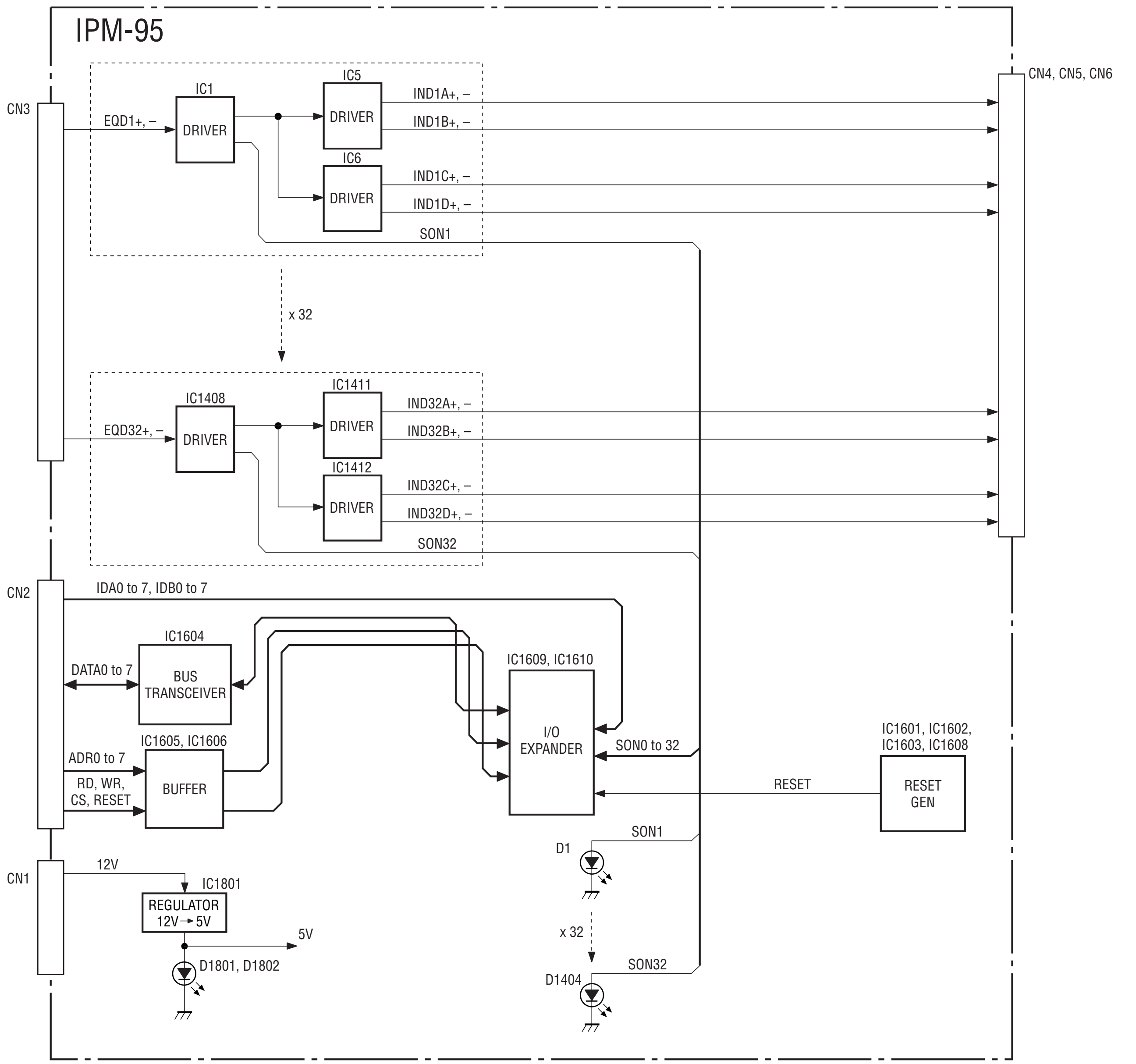
CTRL
CK33M
VD
EXTINT15 to 0
FAIL1, 2
EWAIT
EXTEN
EINT15 to 0, VD, FAIL1, 2
EWAIT, EXTEN
PCI BUS
LAN CH0, 1
+5V
+3V
+12V
CNT8 +12V
CNT3 +5V
CNT6 −5V
CNT7 GND
CNT4 +3V
+12V
+5V
+3V
−5V
GND
MB−3V
−5V
D15 +5V
D16 +3V
D27 +12V
D18 −5V

System Control
CPU-317
HDS-X3400
HDS-X3600
HDS-X3700

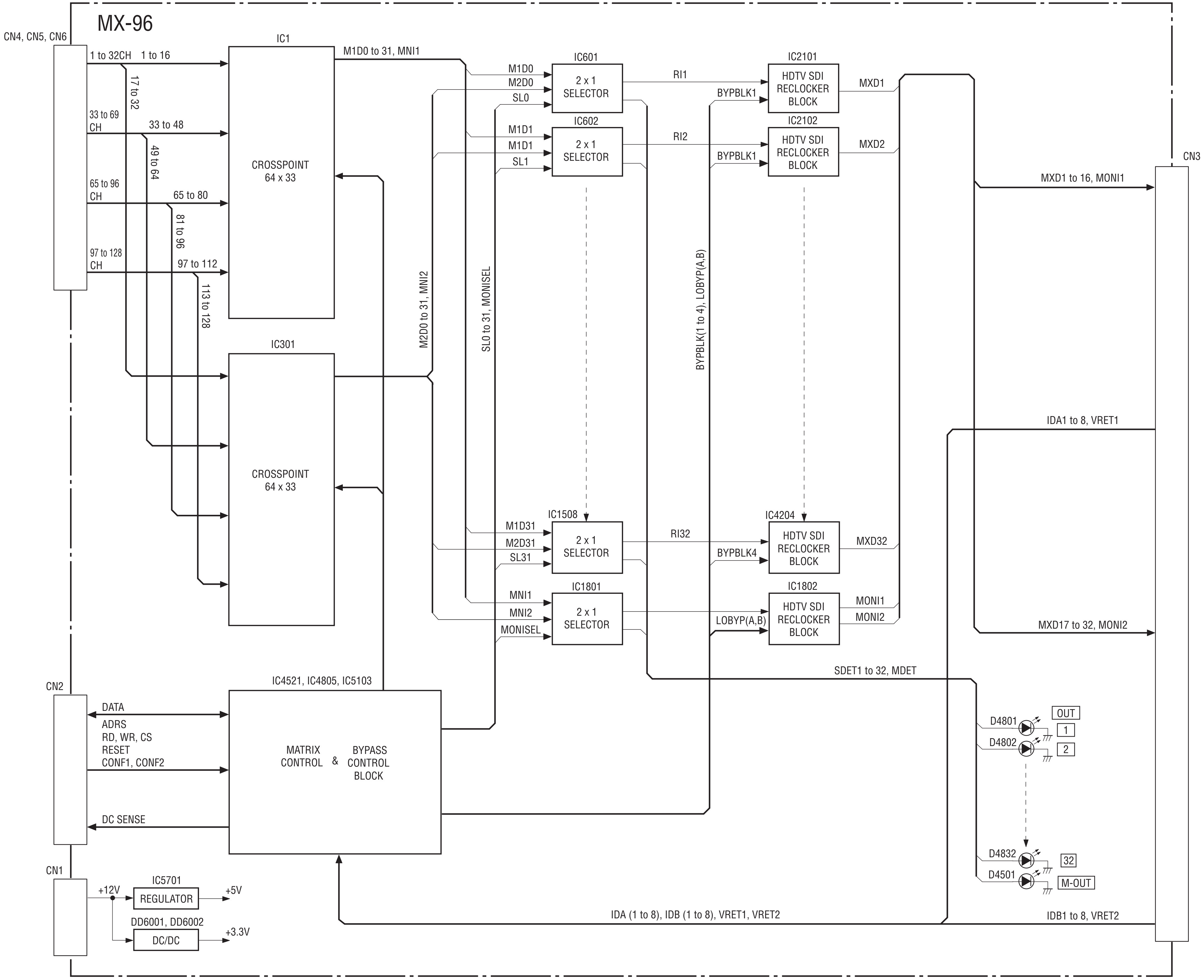
HKDS-X3010 : S/N 10001 and Higher


IPM-95
CN3
IC1
EQD1+, –
DRIVER
IC5
DRIVER
IND1A+, –
IND1B+, –
IC6
DRIVER
IND1C+, –
IND1D+, –
SON1
CN4, CN5, CN6
x 32
IC1408
EQD32+, –
DRIVER
IC1411
DRIVER
IND32A+, –
IND32B+, –
IC1412
DRIVER
IND32C+, –
IND32D+, –
SON32
CN2
IDA0 to 7, IDB0 to 7
IC1604
DATA0 to 7
BUS
TRANSCEIVER
IC1605, IC1606
ADR0 to 7
RD, WR,
CS, RESET
BUFFER
IC1609, IC1610
I/O
EXPANDER
SON0 to 32
IC1601, IC1602,
IC1603, IC1608
RESET
RESET
GEN
SON1
D1
x 32
SON32
D1404
CN1
12V
IC1801
REGULATOR
12V→5V
5V
D1801, D1802

Distribution
IPM-95
HKDS-X3010

http://getMANUAL.com

HKDS-X3060 : S/N 10001 and Higher


MX-96
CN4, CN5, CN6
1 to 32CH
1 to 16
17 to 32
33 to 69 CH
33 to 48
49 to 64
65 to 96 CH
65 to 80
81 to 96
97 to 128 CH
97 to 112
113 to 128
IC1
CROSSPOINT 64 x 33
IC301
CROSSPOINT 64 x 33
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M2D0 to 31, MNI2
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M1D0
M2D0
SL0
IC601
2 x 1 SELECTOR
M1D1
M1D1
SL1
IC602
2 x 1 SELECTOR
M1D31
M2D31
SL31
IC1508
2 x 1 SELECTOR
MNI1
MNI2
MONISEL
IC1801
2 x 1 SELECTOR
RI1
RI2
RI32
BYPBLK1
BYPBLK1
BYPBLK4
LOBYP(A,B)
BYPBLK(1 to 4), LOBYP(A,B)
IC2101
HDTV SDI RECLOCKER BLOCK
IC2102
HDTV SDI RECLOCKER BLOCK
IC4204
HDTV SDI RECLOCKER BLOCK
IC1802
HDTV SDI RECLOCKER BLOCK
MXD1
MXD2
MXD32
MONI1
MONI2
CN3
MXD1 to 16, MONI1
IDA1 to 8, VRET1
MXD17 to 32, MONI2
SDET1 to 32, MDET
D4801
D4802
D4832
D4501
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1
2
32
M-OUT
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CN2
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RD, WR, CS
RESET
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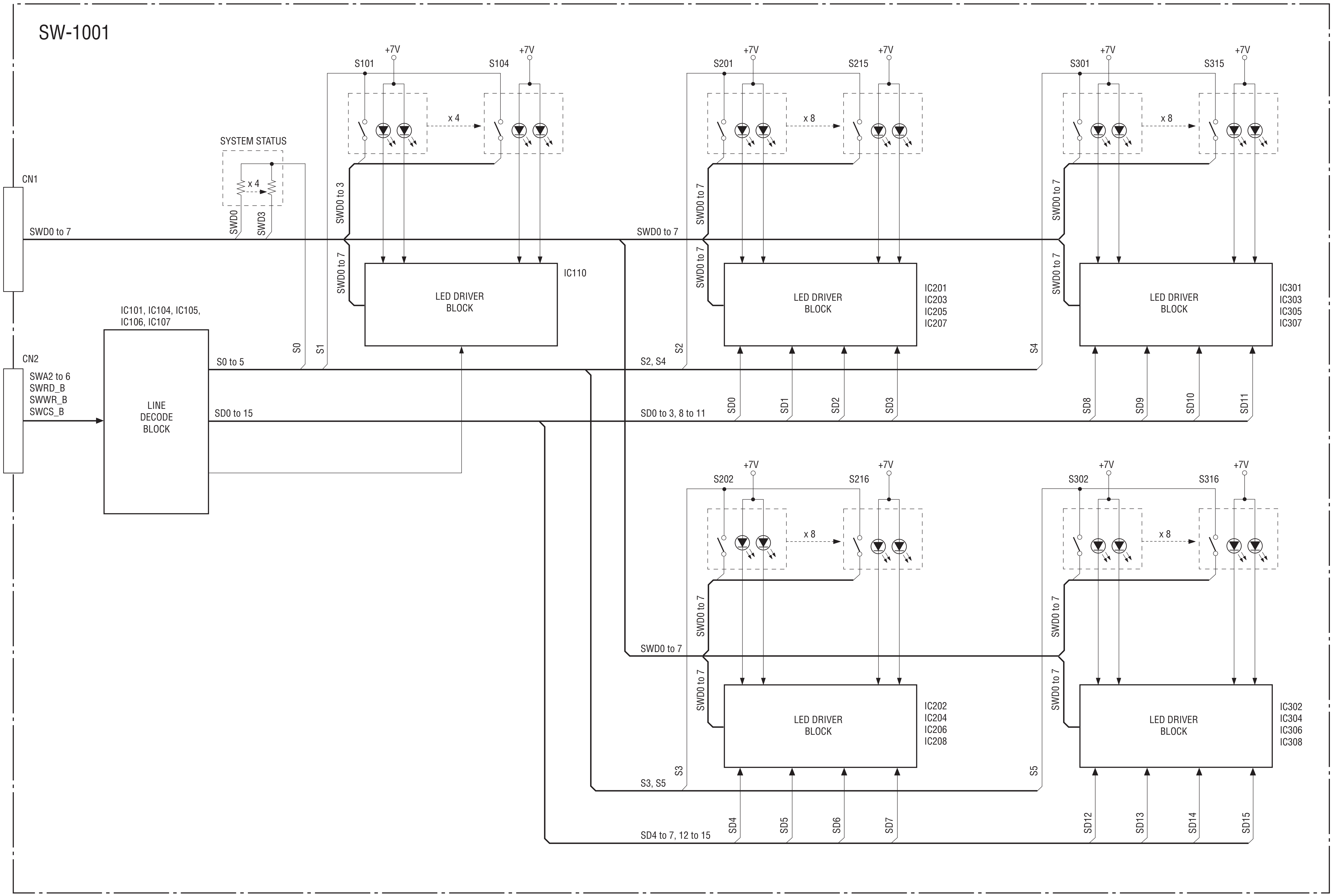
DC SENSE
IC4521, IC4805, IC5103
MATRIX CONTROL & BYPASS CONTROL BLOCK
CN1
+12V
IC5701
REGULATOR
+5V
DD6001, DD6002
DC/DC
+3.3V

Matrix
MX-96
HKDS-X3060

BKS-R3400 : S/N 10001 and Higher


SW-1001
CN1
SWD0 to 7
CN2
SWA2 to 6
SWRD_B
SWWR_B
SWCS_B
SYSTEM STATUS
x 4
SWD0
SWD3
IC101, IC104, IC105,
IC106, IC107
LINE
DECODE
BLOCK
S0 to 5
SD0 to 15
S0
S1
+7V
S101
S104
x 4
SWD0 to 3
SWD0 to 7
LED DRIVER
BLOCK
IC110
S201
S215
x 8
SWD0 to 7
IC201
IC203
IC205
IC207
S2, S4
S2
SD0 to 3, 8 to 11
SD0
SD1
SD2
SD3
S301
S315
IC301
IC303
IC305
IC307
S4
SD8
SD9
SD10
SD11
S202
S216
IC202
IC204
IC206
IC208
S3
S3, S5
SD4
SD5
SD6
SD7
SD4 to 7, 12 to 15
S302
S316
IC302
IC304
IC306
IC308
S5
SD12
SD13
SD14
SD15

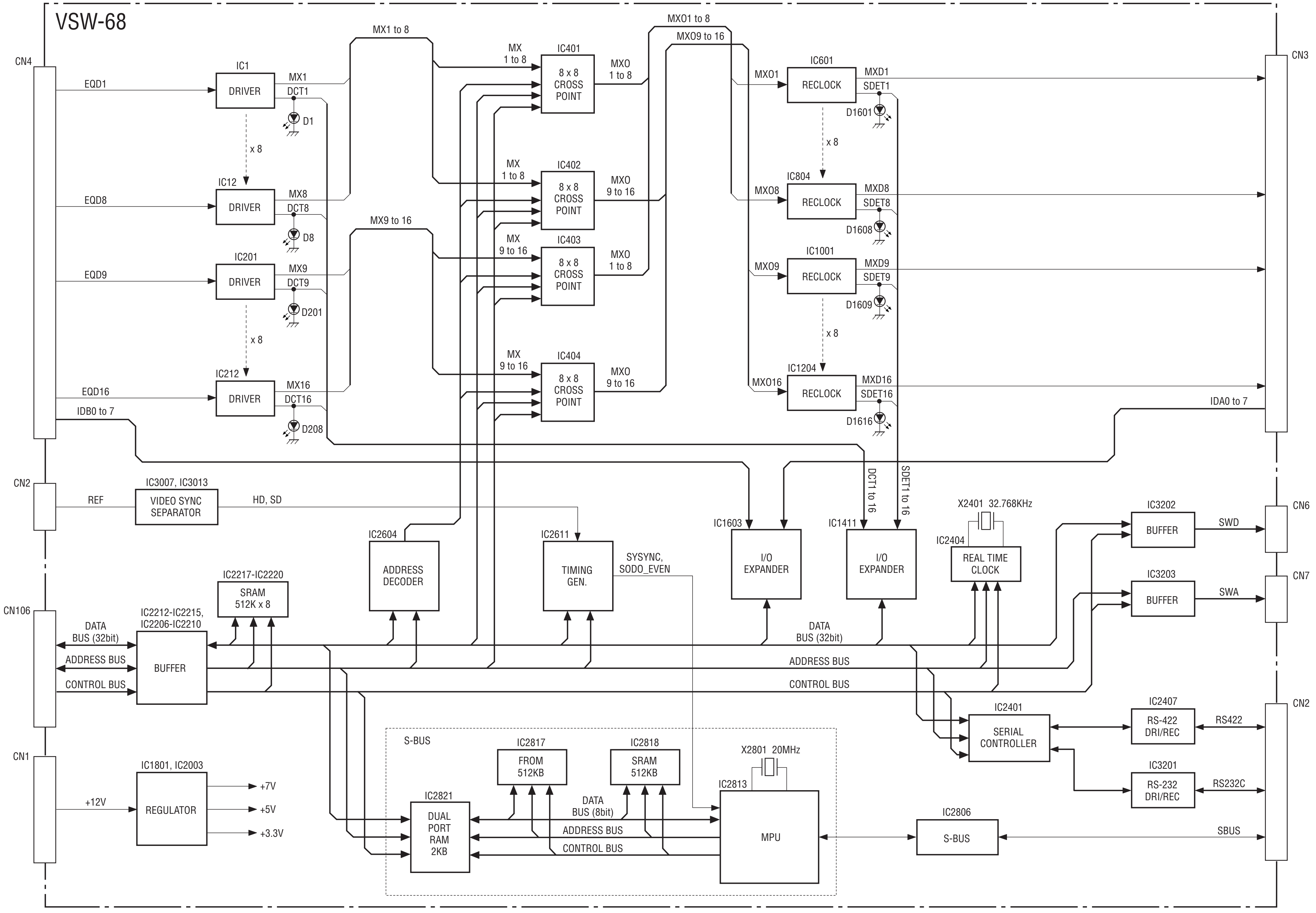
Control Panel Switch

SW-1001

BKS-R3400

VSW-68

HDS-X3400 : S/N 10001 and Higher


VSW-68
CN4
EQD1
EQD8
EQD9
EQD16
IDB0 to 7
IC1
IC12
IC201
IC212
DRIVER
MX1
DCT1
MX8
DCT8
MX9
DCT9
MX16
DCT16
D1
D8
D201
D208
x 8
MX1 to 8
MX9 to 16
MX
1 to 8
MX
9 to 16
IC401
IC402
IC403
IC404
8 x 8
CROSS
POINT
MXO
1 to 8
MXO
9 to 16
MXO1 to 8
MXO9 to 16
IC601
IC804
IC1001
IC1204
RECLOCK
MXO1
MXO8
MXO9
MXO16
MXD1
SDET1
MXD8
SDET8
MXD9
SDET9
MXD16
SDET16
D1601
D1608
D1609
D1616
CN3
IDA0 to 7
CN2
REF
IC3007, IC3013
VIDEO SYNC
SEPARATOR
HD, SD
DCT1 to 16
SDET1 to 16
IC2604
ADDRESS
DECODER
IC2611
TIMING
GEN.
SYSYNC,
SODO_EVEN
IC1603
IC1411
I/O
EXPANDER
X2401 32.768KHz
IC2404
REAL TIME
CLOCK
IC3202
IC3203
BUFFER
SWD
SWA
CN6
CN7
CN106
DATA
BUS (32bit)
ADDRESS BUS
CONTROL BUS
IC2212-IC2215,
IC2206-IC2210
BUFFER
IC2217-IC2220
SRAM
512K x 8
IC2401
SERIAL
CONTROLLER
IC2407
RS-422
DRI/REC
RS422
IC3201
RS-232
DRI/REC
RS232C
CN2
S-BUS
IC2817
FROM
512KB
IC2818
SRAM
512KB
X2801 20MHz
IC2813
IC2821
DUAL
PORT
RAM
2KB
DATA
BUS (8bit)
ADDRESS BUS
CONTROL BUS
MPU
IC2806
S-BUS
SBUS
CN1
+12V
IC1801, IC2003
REGULATOR
+7V
+5V
+3.3V

Matrix
VSW-68
HDS-X3400

3-13

Section 4
Schematic Diagrams

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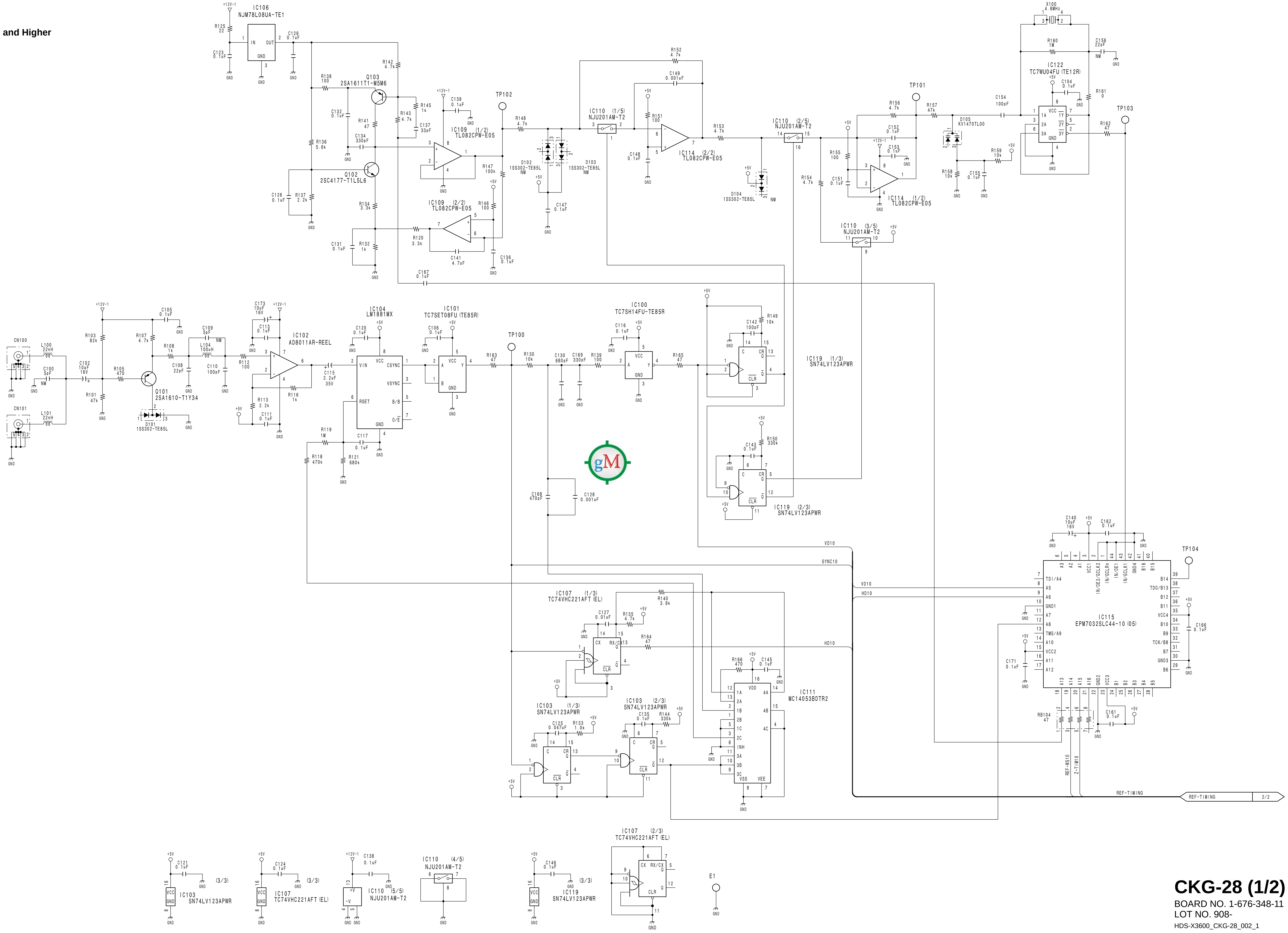
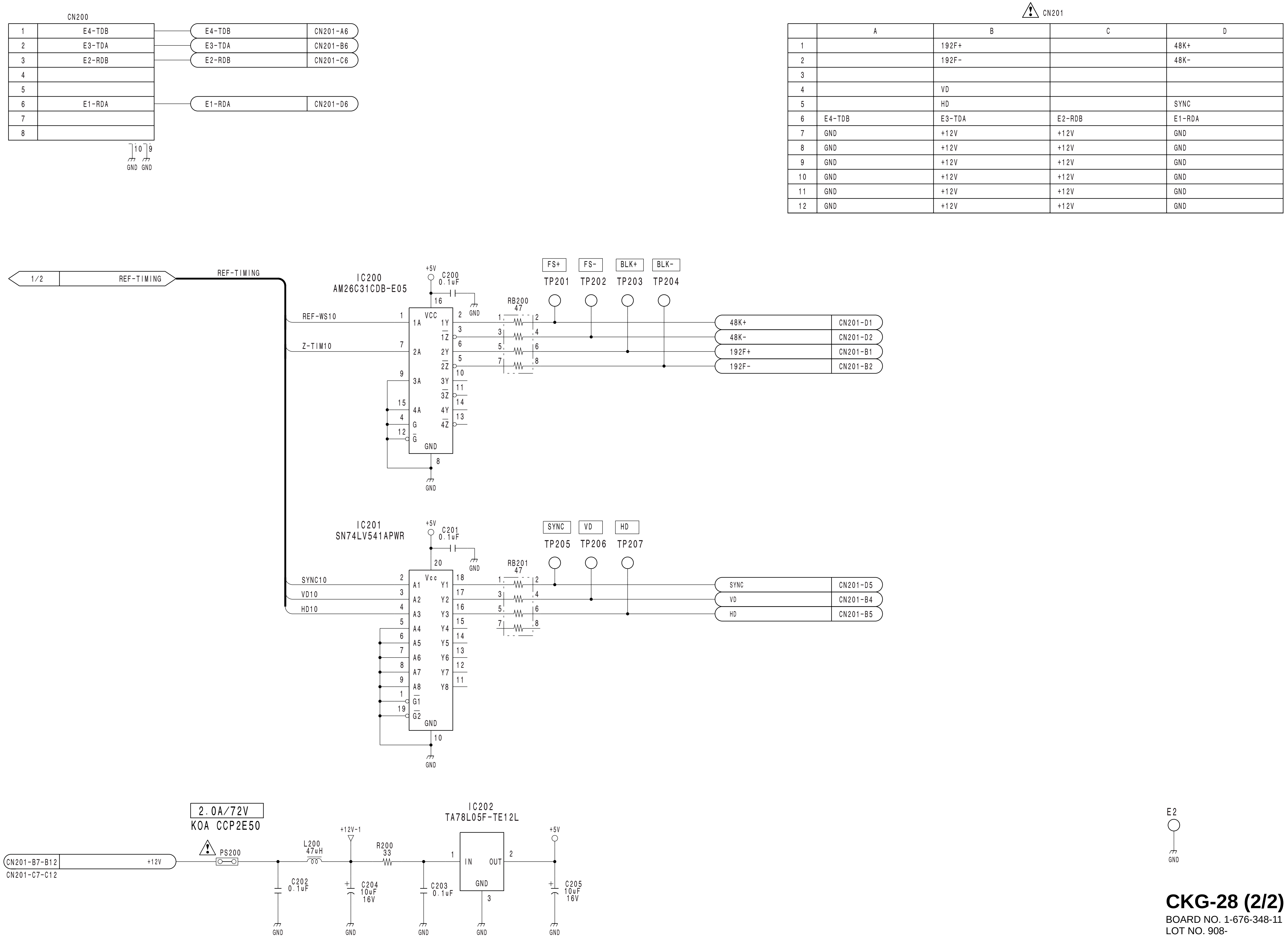
HDS-X3600 : S/N 10001 and Higher


1
2
3
4
5
A
B
C
D
E
F
G
H
IC106 NJM78L08UA-TE1
Q103 2SA1611T1-M5M6
Q102 2SC4177-T1L5L6
IC109 (1/2) TL082CPW-E05
IC109 (2/2) TL082CPW-E05
TP102
IC110 (1/5) NJU201AM-T2
IC114 (2/2) TL082CPW-E05
D102 1SS302-TE85L NM
D103 1SS302-TE85L NM
D104 1SS302-TE85L NM
IC110 (2/5) NJU201AM-T2
TP101
IC114 (1/2) TL082CPW-E05
IC110 (3/5) NJU201AM-T2
D105 KV1470TL00
X100 4.8MHz
IC122 TC7WU04FU (TE12R)
TP103
CN100
CN101
Q101 2SA1610-T1Y34
D101 1SS302-TE85L
IC102 AD8011AR-REEL
IC104 LM1881MX
IC101 TC7SET08FU (TE85R)
TP100
IC100 TC7SH14FU-TE85R
IC119 (1/3) SN74LV123APWR
IC119 (2/3) SN74LV123APWR
IC107 (1/3) TC74VHC221AFT (EL)
IC103 (1/3) SN74LV123APWR
IC103 (2/3) SN74LV123APWR
IC111 MC14053BDTR2
IC115 EPM7032SLC44-10 (05)
TP104
RB104 47
REF-WS10
Z-TIM10
VD10
SYNC10
HD10
REF-TIMING
2/2
IC103 SN74LV123APWR (3/3)
IC107 TC74VHC221AFT (EL) (3/3)
IC110 (5/5) NJU201AM-T2
IC110 (4/5) NJU201AM-T2
IC119 SN74LV123APWR (3/3)
IC107 (2/3) TC74VHC221AFT (EL)
E1

CKG-28 (1/2)
BOARD NO. 1-676-348-11
LOT NO. 908-
HDS-X3600_CKG-28_002_1

HDS-X3600 : S/N 10001 and Higher


CN200
1 E4-TDB — E4-TDB CN201-A6
2 E3-TDA — E3-TDA CN201-B6
3 E2-RDB — E2-RDB CN201-C6
4
5
6 E1-RDA — E1-RDA CN201-D6
7
8
10 9
GND GND
CN201
1/2 REF-TIMING
REF-TIMING
IC200
AM26C31CDB-E05
+5V
C200
0.1uF
GND
RB200
47
REF-WS10
Z-TIM10
VCC
1A 2A 3A 4A G G
1Y 1Z 2Y 2Z 3Y 3Z 4Y 4Z
GND
FS+ FS- BLK+ BLK-
TP201 TP202 TP203 TP204
48K+ CN201-D1
48K- CN201-D2
192F+ CN201-B1
192F- CN201-B2
IC201
SN74LV541APWR
+5V
C201
0.1uF
RB201
47
SYNC10
VD10
HD10
Vcc
A1 A2 A3 A4 A5 A6 A7 A8 G1 G2
Y1 Y2 Y3 Y4 Y5 Y6 Y7 Y8
GND
SYNC VD HD
TP205 TP206 TP207
SYNC CN201-D5
VD CN201-B4
HD CN201-B5
2.0A/72V
KOA CCP2E50
PS200
CN201-B7-B12
CN201-C7-C12
+12V
L200
47uH
+12V-1
R200
33
C202
0.1uF
C204
10uF
16V
C203
0.1uF
IC202
TA78L05F-TE12L
IN OUT
GND
+5V
C205
10uF
16V
GND
E2
GND

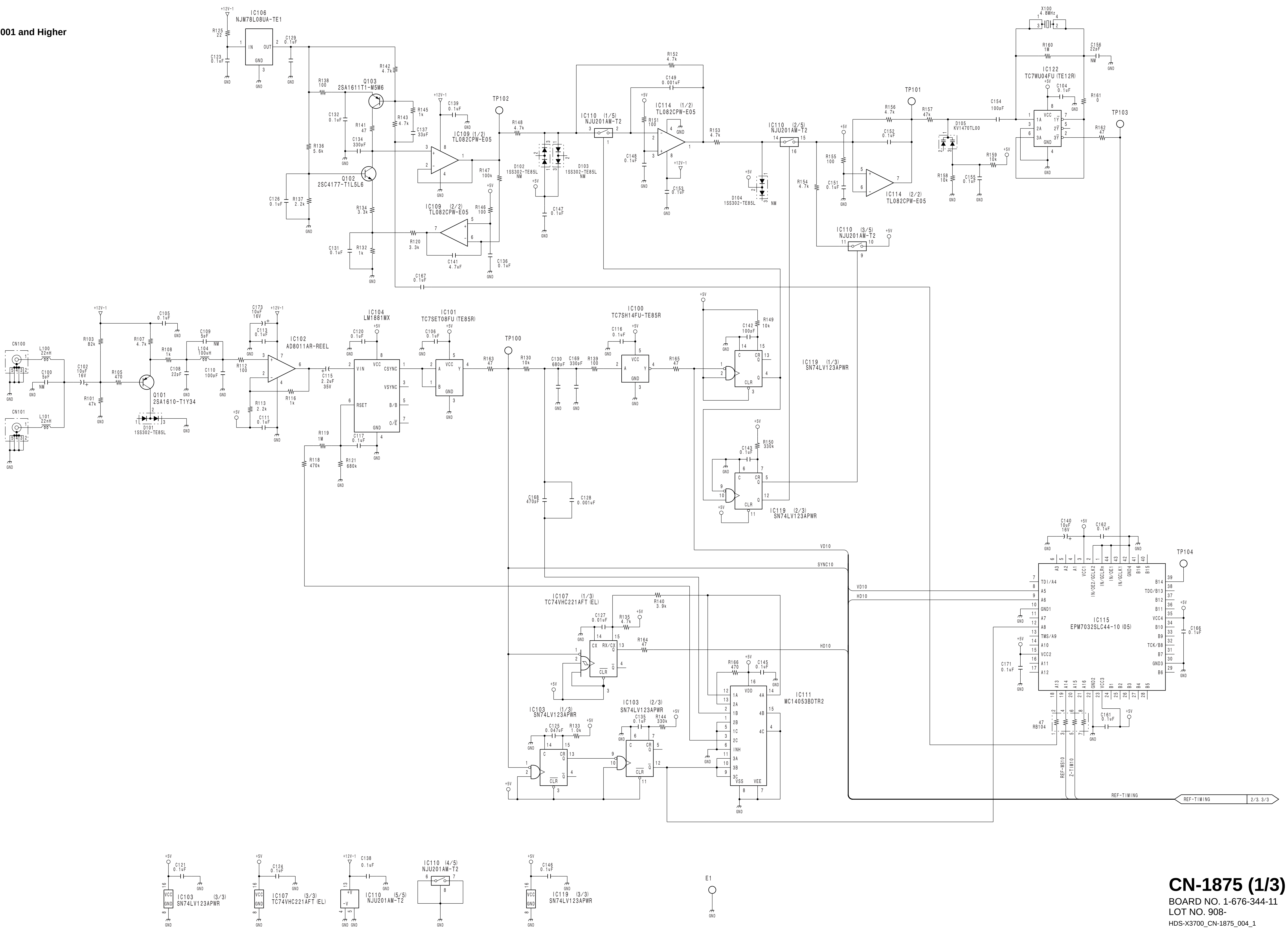
CN201

	A	B	C	D
1		192F+		48K+
2		192F-		48K-
3				
4		VD		
5		HD		SYNC
6	E4-TDB	E3-TDA	E2-RDB	E1-RDA
7	GND	+12V	+12V	GND
8	GND	+12V	+12V	GND
9	GND	+12V	+12V	GND
10	GND	+12V	+12V	GND
11	GND	+12V	+12V	GND
12	GND	+12V	+12V	GND

CKG-28 (2/2)

BOARD NO. 1-676-348-11
LOT NO. 908-
HDS-X3600_CKG-28_002_2

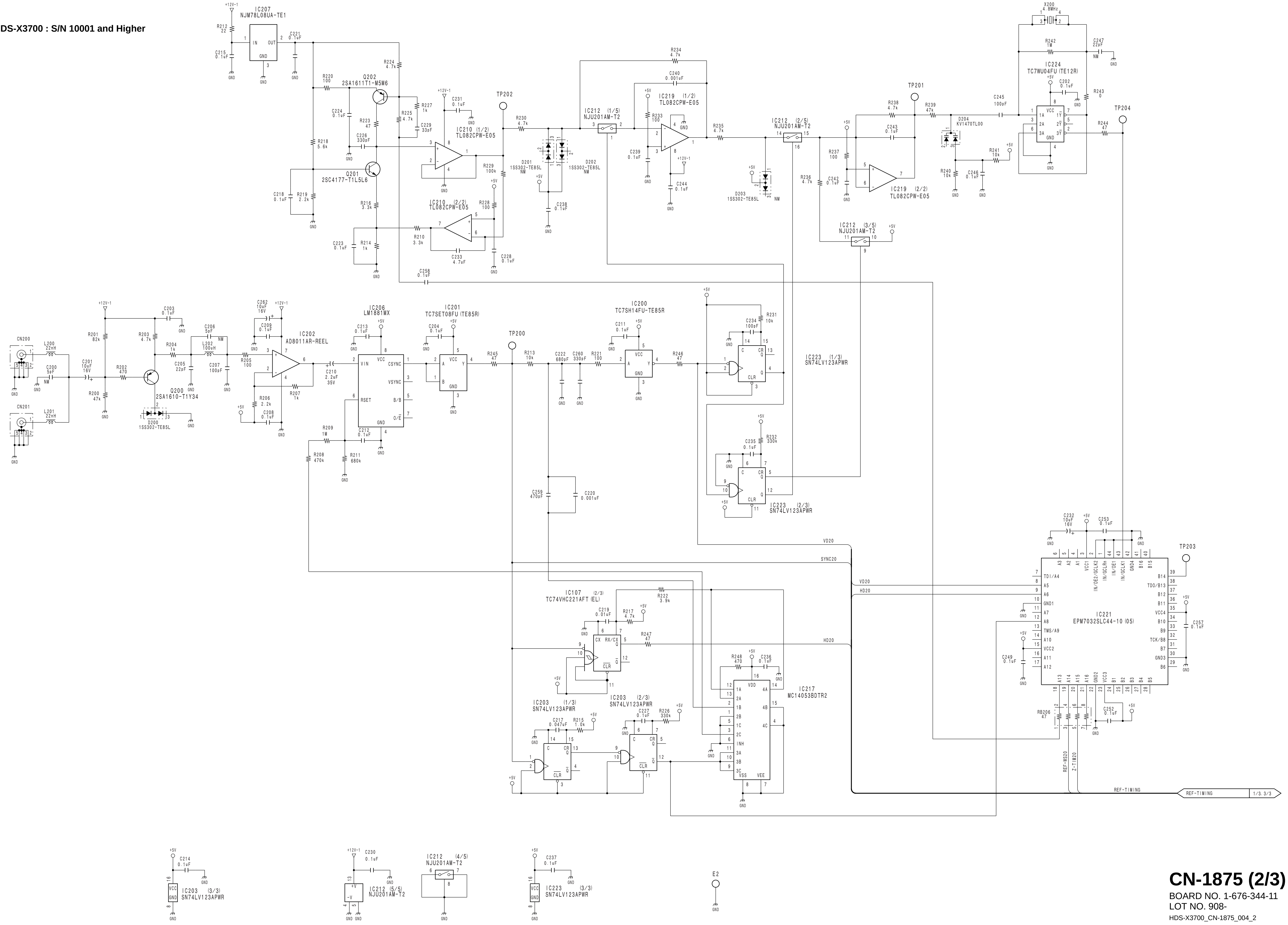
HDS-X3700 : S/N 10001 and Higher


IC106 NJM78L08UA-TE1
Q103 2SA1611T1-M5M6
Q102 2SC4177-T1L5L6
IC109 (1/2) TL082CPW-E05
IC109 (2/2) TL082CPW-E05
TP102
D102 1SS302-TE85L NM
D103 1SS302-TE85L NM
IC110 (1/5) NJU201AM-T2
IC114 (1/2) TL082CPW-E05
IC110 (2/5) NJU201AM-T2
D104 1SS302-TE85L NM
TP101
D105 KV1470TL00
IC114 (2/2) TL082CPW-E05
IC110 (3/5) NJU201AM-T2
X100 4.8MHz
IC122 TC7WU04FU (TE12R)
TP103
CN100
CN101
L100 22nH
L101 22nH
Q101 2SA1610-T1Y34
D101 1SS302-TE85L
L104 100uH
IC102 AD8011AR-REEL
IC104 LM1881MX
IC101 TC7SET08FU (TE85R)
TP100
IC100 TC7SH14FU-TE85R
IC119 (1/3) SN74LV123APWR
IC119 (2/3) SN74LV123APWR
IC107 (1/3) TC74VHC221AFT (EL)
IC103 (1/3) SN74LV123APWR
IC103 (2/3) SN74LV123APWR
IC111 MC14053BDTR2
IC115 EPM7032SLC44-10 (05)
TP104
VD10
SYNC10
HD10
REF-WS10
Z-TIM10
REF-TIMING
2/3,3/3
IC103 (3/3) SN74LV123APWR
IC107 (3/3) TC74VHC221AFT (EL)
IC110 (5/5) NJU201AM-T2
IC110 (4/5) NJU201AM-T2
IC119 (3/3) SN74LV123APWR
E1
1
2
3
4
5
A
B
C
D
E
F
G
H

CN-1875 (1/3)

BOARD NO. 1-676-344-11
LOT NO. 908-
HDS-X3700_CN-1875_004_1

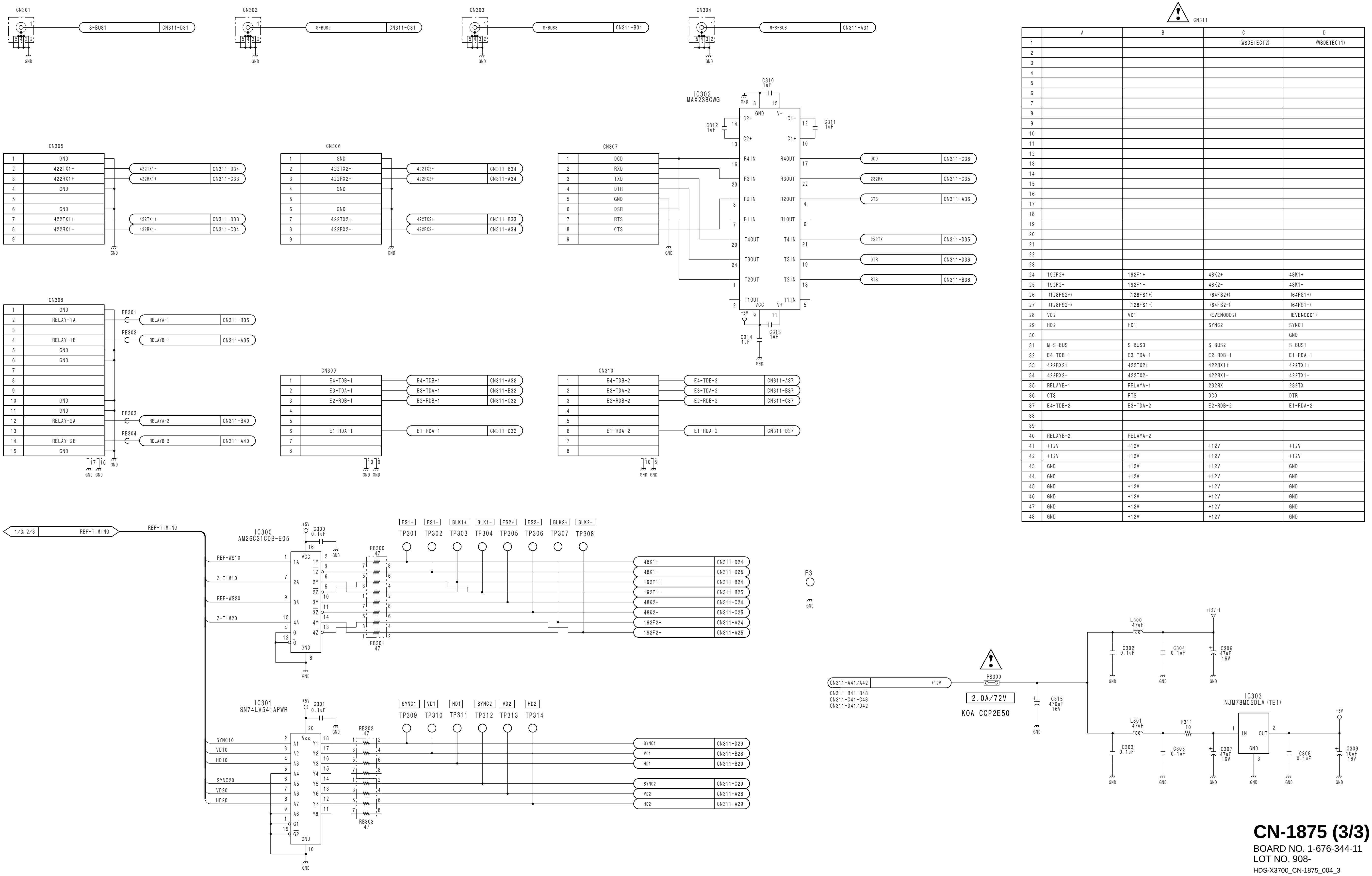
HDS-X3700 : S/N 10001 and Higher


IC207 NJM78L08UA-TE1
Q202 2SA1611T1-M5M6
Q201 2SC4177-T1L5L6
IC210 (1/2) TL082CPW-E05
IC210 (2/2) TL082CPW-E05
TP202
D201 1SS302-TE85L NM
D202 1SS302-TE85L NM
IC212 (1/5) NJU201AM-T2
IC219 (1/2) TL082CPW-E05
IC212 (2/5) NJU201AM-T2
D203 1SS302-TE85L NM
TP201
IC219 (2/2) TL082CPW-E05
IC212 (3/5) NJU201AM-T2
D204 KV1470TL00
X200 4.8MHz
IC224 TC7WU04FU (TE12R)
TP204
CN200
CN201
Q200 2SA1610-T1Y34
D200 1SS302-TE85L
IC202 AD8011AR-REEL
IC206 LM1881MX
IC201 TC7SET08FU (TE85R)
TP200
IC200 TC7SH14FU-TE85R
IC223 (1/3) SN74LV123APWR
IC223 (2/3) SN74LV123APWR
IC107 (2/3) TC74VHC221AFT (EL)
IC203 (1/3) SN74LV123APWR
IC203 (2/3) SN74LV123APWR
IC217 MC14053BDTR2
IC221 EPM7032SLC44-10 (05)
TP203
VD20
SYNC20
HD20
REF-WS20
Z-TIM20
REF-TIMING
1/3.3/3
IC203 (3/3) SN74LV123APWR
IC212 (5/5) NJU201AM-T2
IC212 (4/5) NJU201AM-T2
IC223 (3/3) SN74LV123APWR
E2
1
2
3
4
5
A
B
C
D
E
F
G
H

CN-1875 (2/3)

BOARD NO. 1-676-344-11
LOT NO. 908-
HDS-X3700_CN-1875_004_2

HDS-X3700 : S/N 10001 and Higher


1
2
3
4
5
CN301
S-BUS1
CN311-D31
CN302
S-BUS2
CN311-C31
CN303
S-BUS3
CN311-B31
CN304
M-S-BUS
CN311-A31
GND
CN305
GND
422TX1-
422RX1+
422TX1+
422RX1-
CN311-D34
CN311-C33
CN311-D33
CN311-C34
CN306
422TX2-
422RX2+
422TX2+
422RX2-
CN311-B34
CN311-A34
CN311-B33
CN311-A33
CN307
DCD
RXD
TXD
DTR
DSR
RTS
CTS
IC302
MAX238CWG
C310
1uF
C311
1uF
C312
1uF
C313
1uF
C314
1uF
+5V
C2-
C2+
C1-
C1+
V-
VCC
V+
R4IN
R3IN
R2IN
R1IN
T4OUT
T3OUT
T2OUT
T1OUT
R4OUT
R3OUT
R2OUT
R1OUT
T4IN
T3IN
T2IN
T1IN
CN311-C36
232RX
CN311-C35
CN311-A36
232TX
CN311-D35
CN311-D36
CN311-B36
CN308
RELAY-1A
RELAY-1B
RELAY-2A
RELAY-2B
FB301
FB302
FB303
FB304
RELAYA-1
CN311-B35
RELAYB-1
CN311-A35
RELAYA-2
CN311-B40
RELAYB-2
CN311-A40
CN309
E4-TDB-1
E3-TDA-1
E2-RDB-1
E1-RDA-1
CN311-A32
CN311-B32
CN311-C32
CN311-D32
CN310
E4-TDB-2
E3-TDA-2
E2-RDB-2
E1-RDA-2
CN311-A37
CN311-B37
CN311-C37
CN311-D37
1/3, 2/3
REF-TIMING
IC300
AM26C31CDB-E05
C300
0.1uF
REF-WS10
Z-TIM10
REF-WS20
Z-TIM20
RB300
47
RB301
47
FS1+
FS1-
BLK1+
BLK1-
FS2+
FS2-
BLK2+
BLK2-
TP301
TP302
TP303
TP304
TP305
TP306
TP307
TP308
48K1+
48K1-
192F1+
192F1-
48K2+
48K2-
192F2+
192F2-
CN311-D24
CN311-D25
CN311-B24
CN311-B25
CN311-C24
CN311-C25
CN311-A24
CN311-A25
E3
IC301
SN74LV541APWR
C301
0.1uF
SYNC10
VD10
HD10
SYNC20
VD20
HD20
RB302
47
RB303
47
SYNC1
VD1
HD1
SYNC2
VD2
HD2
TP309
TP310
TP311
TP312
TP313
TP314
CN311-D29
CN311-B28
CN311-B29
CN311-C29
CN311-A28
CN311-A29
CN311-A41/A42
CN311-B41-B48
CN311-C41-C48
CN311-D41/D42
+12V
PS300
2.0A/72V
KOA CCP2E50
C315
470uF
16V
L300
47uH
+12V-1
C302
0.1uF
C304
0.1uF
C306
47uF
16V
IC303
NJM78M05DLA (TE1)
L301
47uH
R311
10
C303
0.1uF
C305
0.1uF
C307
47uF
16V
C308
0.1uF
C309
10uF
16V
+5V
IN
OUT
A
B
C
D
E
F
G
H

CN311

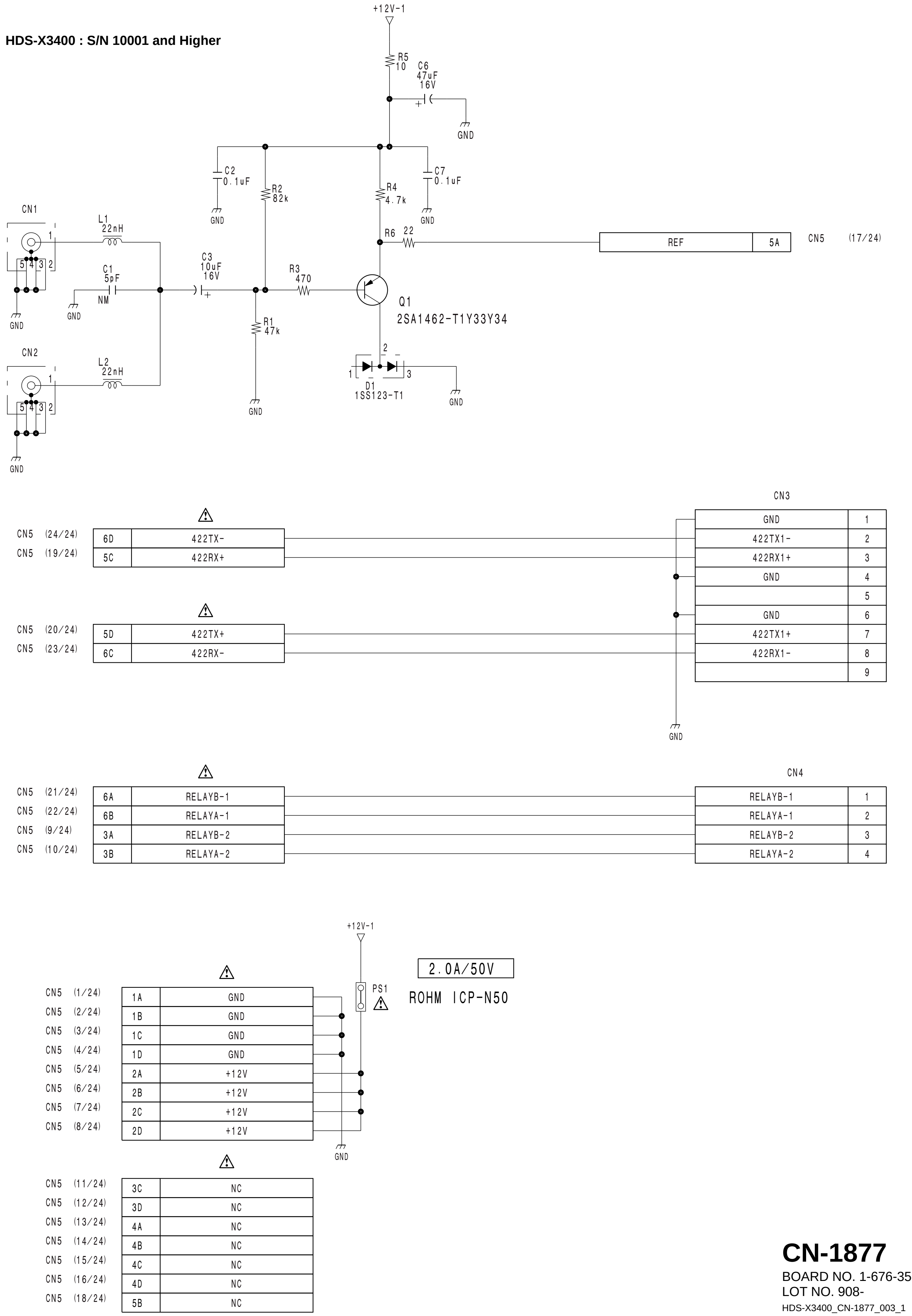
	A	B	C	D
1			(WSDETECT2)	(WSDETECT1)
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24	192F2+	192F1+	48K2+	48K1+
25	192F2-	192F1-	48K2-	48K1-
26	(128FS2+)	(128FS1+)	(64FS2+)	(64FS1+)
27	(128FS2-)	(128FS1-)	(64FS2-)	(64FS1-)
28	VD2	VD1	(EVENODD2)	(EVENODD1)
29	HD2	HD1	SYNC2	SYNC1
30				GND
31	M-S-BUS	S-BUS3	S-BUS2	S-BUS1
32	E4-TDB-1	E3-TDA-1	E2-RDB-1	E1-RDA-1
33	422RX2+	422TX2+	422RX1+	422TX1+
34	422RX2-	422TX2-	422RX1-	422TX1-
35	RELAYB-1	RELAYA-1	232RX	232TX
36	CTS	RTS	DCD	DTR
37	E4-TDB-2	E3-TDA-2	E2-RDB-2	E1-RDA-2
38				
39				
40	RELAYB-2	RELAYA-2		
41	+12V	+12V	+12V	+12V
42	+12V	+12V	+12V	+12V
43	GND	+12V	+12V	GND
44	GND	+12V	+12V	GND
45	GND	+12V	+12V	GND
46	GND	+12V	+12V	GND
47	GND	+12V	+12V	GND
48	GND	+12V	+12V	GND

CN-1875 (3/3)

BOARD NO. 1-676-344-11
LOT NO. 908-
HDS-X3700_CN-1875_004_3

http://getMANUAL.com

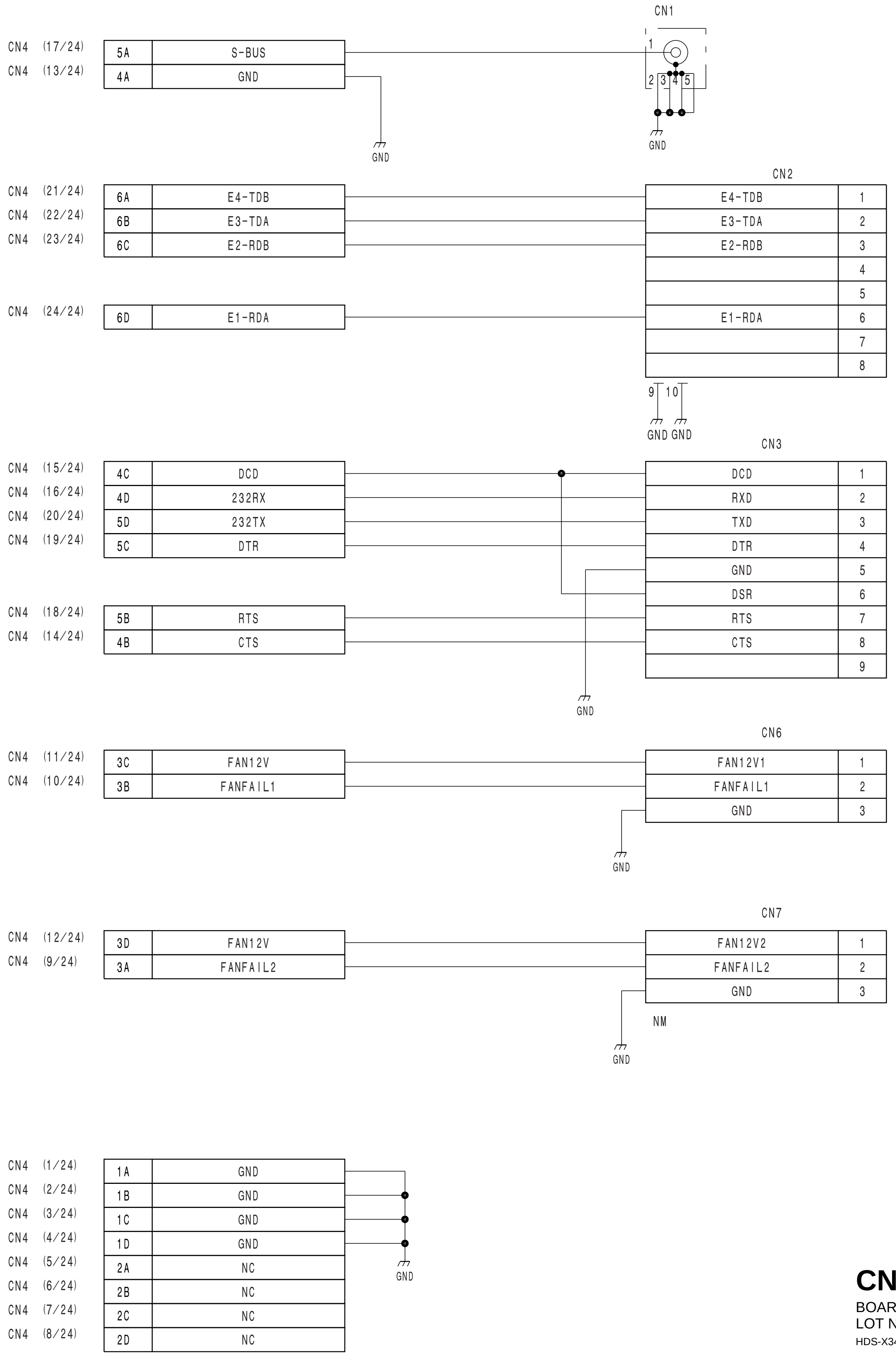
HDS-X3400 : S/N 10001 and Higher


+12V-1
R5 10
C6 47uF 16V
GND
C2 0.1uF
R2 82k
R4 4.7k
C7 0.1uF
CN1
L1 22nH
C1 5pF NM
C3 10uF 16V
R3 470
R6 22
REF 5A CN5 (17/24)
Q1 2SA1462-T1Y33Y34
R1 47k
CN2
L2 22nH
D1 1SS123-T1
CN5 (24/24) 6D 422TX-
CN5 (19/24) 5C 422RX+
CN5 (20/24) 5D 422TX+
CN5 (23/24) 6C 422RX-
CN3
GND 1
422TX1- 2
422RX1+ 3
GND 4
5
GND 6
422TX1+ 7
422RX1- 8
9
CN5 (21/24) 6A RELAYB-1
CN5 (22/24) 6B RELAYA-1
CN5 (9/24) 3A RELAYB-2
CN5 (10/24) 3B RELAYA-2
CN4
RELAYB-1 1
RELAYA-1 2
RELAYB-2 3
RELAYA-2 4
+12V-1
2.0A/50V
PS1
ROHM ICP-N50
CN5 (1/24) 1A GND
CN5 (2/24) 1B GND
CN5 (3/24) 1C GND
CN5 (4/24) 1D GND
CN5 (5/24) 2A +12V
CN5 (6/24) 2B +12V
CN5 (7/24) 2C +12V
CN5 (8/24) 2D +12V
CN5 (11/24) 3C NC
CN5 (12/24) 3D NC
CN5 (13/24) 4A NC
CN5 (14/24) 4B NC
CN5 (15/24) 4C NC
CN5 (16/24) 4D NC
CN5 (18/24) 5B NC

CN-1877

BOARD NO. 1-676-355-11
LOT NO. 908-
HDS-X3400_CN-1877_003_1

HDS-X3400 : S/N 10001 and Higher

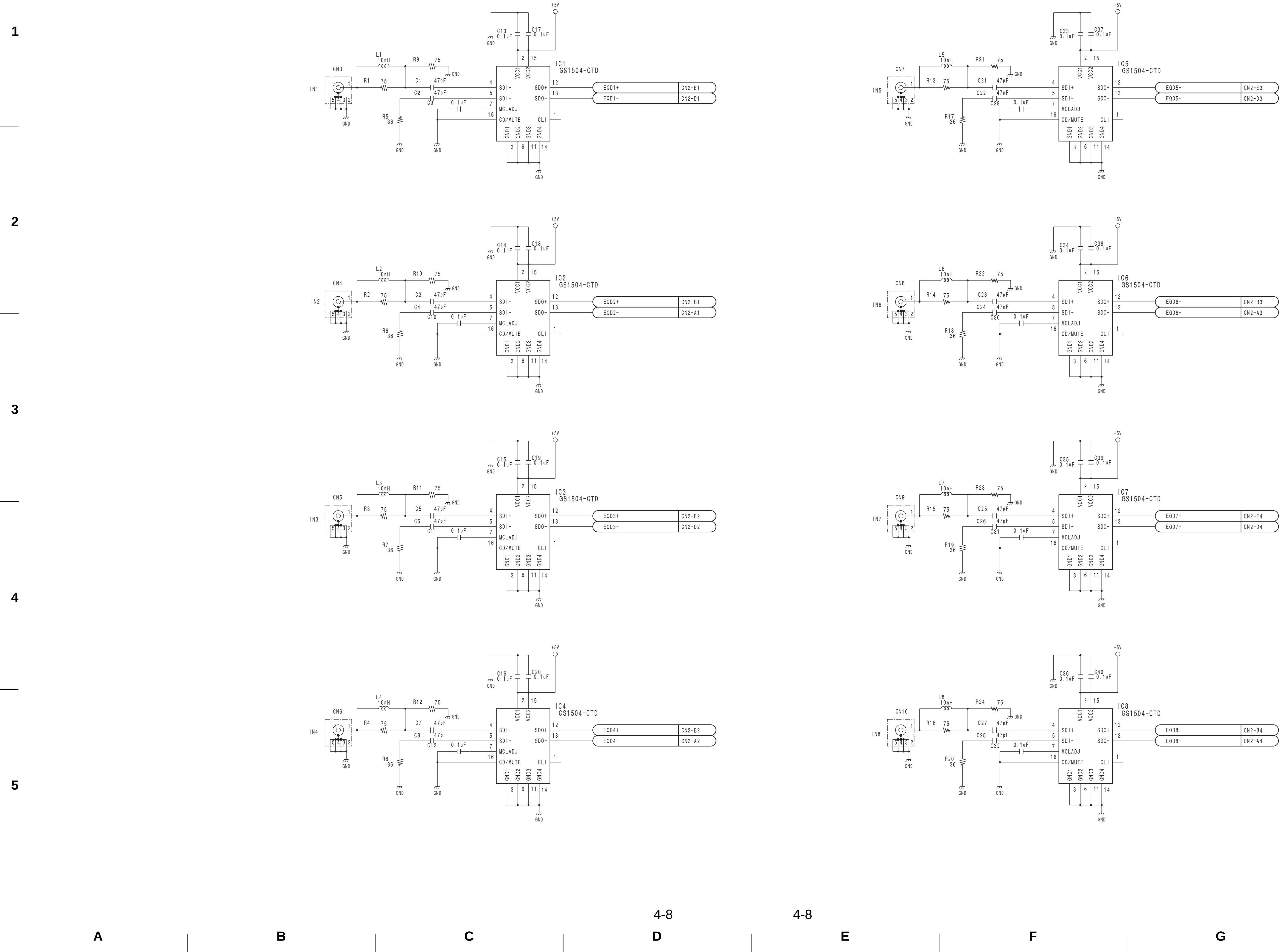

CN4 (17/24) 5A S-BUS
CN4 (13/24) 4A GND
CN1
GND
CN4 (21/24) 6A E4-TDB
CN4 (22/24) 6B E3-TDA
CN4 (23/24) 6C E2-RDB
CN4 (24/24) 6D E1-RDA
CN2
E4-TDB 1
E3-TDA 2
E2-RDB 3
4
5
E1-RDA 6
7
8
9 10
GND GND
CN4 (15/24) 4C DCD
CN4 (16/24) 4D 232RX
CN4 (20/24) 5D 232TX
CN4 (19/24) 5C DTR
CN4 (18/24) 5B RTS
CN4 (14/24) 4B CTS
CN3
DCD 1
RXD 2
TXD 3
DTR 4
GND 5
DSR 6
RTS 7
CTS 8
9
CN4 (11/24) 3C FAN12V
CN4 (10/24) 3B FANFAIL1
CN6
FAN12V1 1
FANFAIL1 2
GND 3
CN4 (12/24) 3D FAN12V
CN4 (9/24) 3A FANFAIL2
CN7
FAN12V2 1
FANFAIL2 2
GND 3
NM
CN4 (1/24) 1A GND
CN4 (2/24) 1B GND
CN4 (3/24) 1C GND
CN4 (4/24) 1D GND
CN4 (5/24) 2A NC
CN4 (6/24) 2B NC
CN4 (7/24) 2C NC
CN4 (8/24) 2D NC

CN-1888

BOARD NO. 1-676-356-11
LOT NO. 908-
HDS-X3400_CN-1888_002_1

CNI-5 (1/3)

HKDS-X3014 : S/N 10001 and Higher

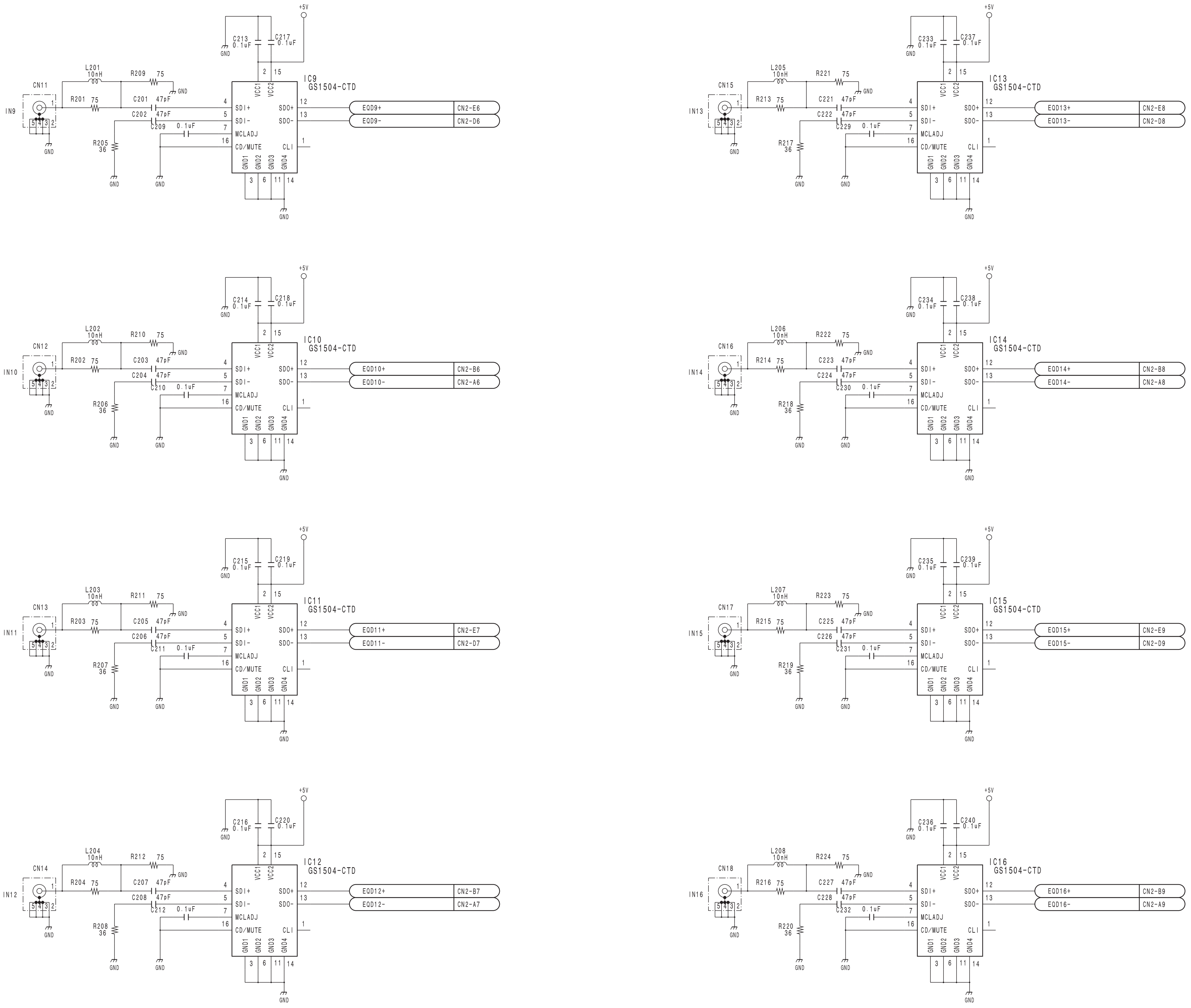

1
2
3
4
5
A
B
C
D
E
F
G
H
+5V
GND
VCC1
VCC2
SDI+
SDI-
MCLADJ
CD/MUTE
GND1
GND2
GND3
GND4
SDO+
SDO-
CLI
GS1504-CTD
10nH
75
47pF
0.1uF
36
IN1
CN3
L1
R9
R1
C1
C2
C9
R5
C13
C17
IC1
EQD1+
EQD1-
CN2-E1
CN2-D1
IN2
CN4
L2
R10
R2
C3
C4
C10
R6
C14
C18
IC2
EQD2+
EQD2-
CN2-B1
CN2-A1
IN3
CN5
L3
R11
R3
C5
C6
C11
R7
C15
C19
IC3
EQD3+
EQD3-
CN2-E2
CN2-D2
IN4
CN6
L4
R12
R4
C7
C8
C12
R8
C16
C20
IC4
EQD4+
EQD4-
CN2-B2
CN2-A2
IN5
CN7
L5
R21
R13
C21
C22
C29
R17
C33
C37
IC5
EQD5+
EQD5-
CN2-E3
CN2-D3
IN6
CN8
L6
R22
R14
C23
C24
C30
R18
C34
C38
IC6
EQD6+
EQD6-
CN2-B3
CN2-A3
IN7
CN9
L7
R23
R15
C25
C26
C31
R19
C35
C39
IC7
EQD7+
EQD7-
CN2-E4
CN2-D4
IN8
CN10
L8
R24
R16
C27
C28
C32
R20
C36
C40
IC8
EQD8+
EQD8-
CN2-B4
CN2-A4

CNI-5 (1/3)

BOARD NO. 1-676-361-11
LOT NO. 908-
HKDS-X3014_CNI-5_004_1

4-8

HKDS-X3014 : S/N 10001 and Higher

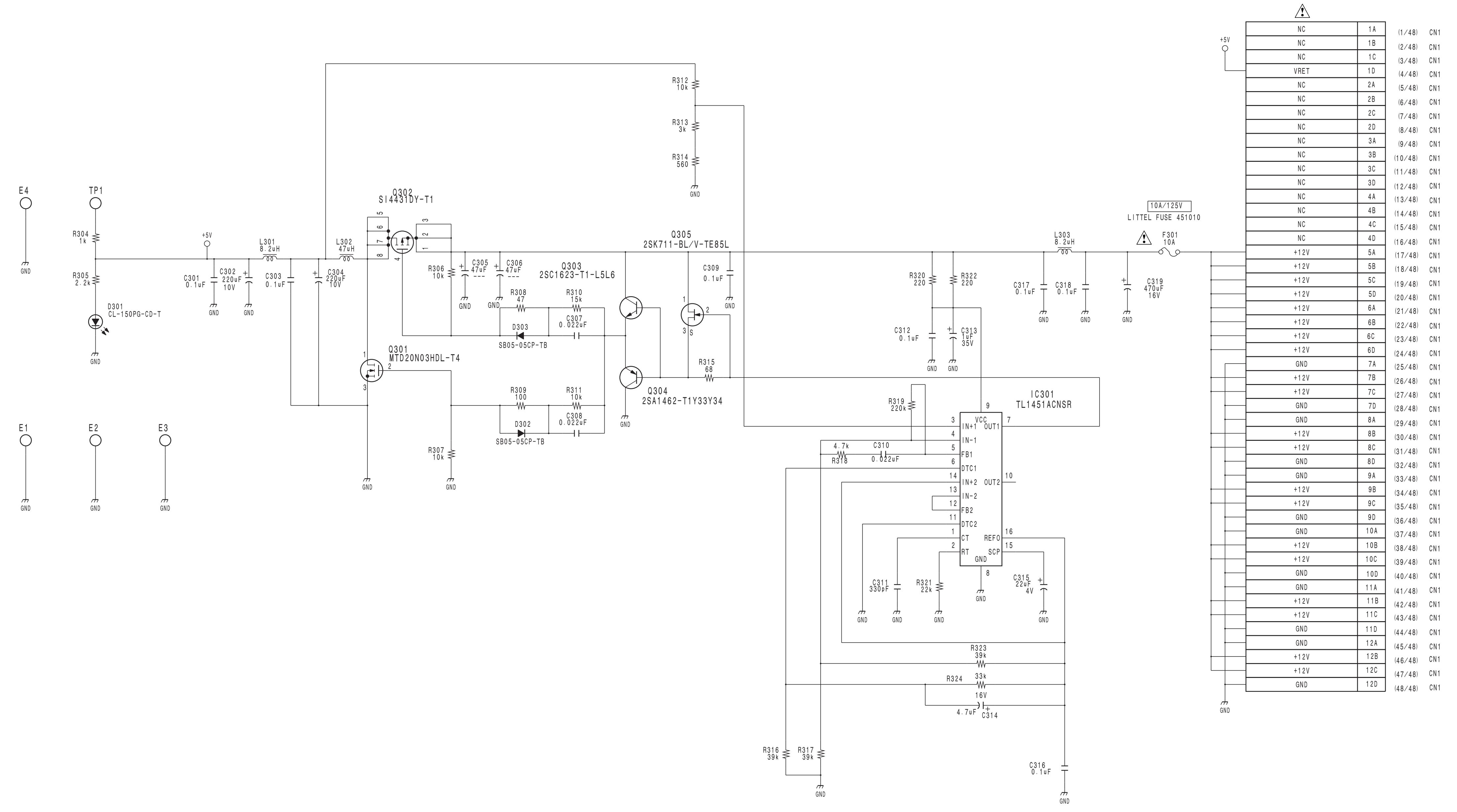

+5V
C213 0.1uF
C217 0.1uF
GND
L201 10nH
R209 75
CN11
IN9
R201 75
C201 47pF
C202 47pF
C209 0.1uF
R205 36
IC9 GS1504-CTD
VCC1
VCC2
SDI+
SDI-
MCLADJ
CD/MUTE
SDO+
SDO-
CLI
GND1
GND2
GND3
GND4
EQD9+
CN2-E6
EQD9-
CN2-D6
C214 0.1uF
C218 0.1uF
L202 10nH
R210 75
CN12
IN10
R202 75
C203 47pF
C204 47pF
C210 0.1uF
R206 36
IC10 GS1504-CTD
EQD10+
CN2-B6
EQD10-
CN2-A6
C215 0.1uF
C219 0.1uF
L203 10nH
R211 75
CN13
IN11
R203 75
C205 47pF
C206 47pF
C211 0.1uF
R207 36
IC11 GS1504-CTD
EQD11+
CN2-E7
EQD11-
CN2-D7
C216 0.1uF
C220 0.1uF
L204 10nH
R212 75
CN14
IN12
R204 75
C207 47pF
C208 47pF
C212 0.1uF
R208 36
IC12 GS1504-CTD
EQD12+
CN2-B7
EQD12-
CN2-A7
C233 0.1uF
C237 0.1uF
L205 10nH
R221 75
CN15
IN13
R213 75
C221 47pF
C222 47pF
C229 0.1uF
R217 36
IC13 GS1504-CTD
EQD13+
CN2-E8
EQD13-
CN2-D8
C234 0.1uF
C238 0.1uF
L206 10nH
R222 75
CN16
IN14
R214 75
C223 47pF
C224 47pF
C230 0.1uF
R218 36
IC14 GS1504-CTD
EQD14+
CN2-B8
EQD14-
CN2-A8
C235 0.1uF
C239 0.1uF
L207 10nH
R223 75
CN17
IN15
R215 75
C225 47pF
C226 47pF
C231 0.1uF
R219 36
IC15 GS1504-CTD
EQD15+
CN2-E9
EQD15-
CN2-D9
C236 0.1uF
C240 0.1uF
L208 10nH
R224 75
CN18
IN16
R216 75
C227 47pF
C228 47pF
C232 0.1uF
R220 36
IC16 GS1504-CTD
EQD16+
CN2-B9
EQD16-
CN2-A9
1
2
3
4
5

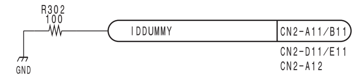
CNI-5 (2/3)

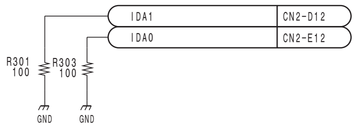
BOARD NO. 1-676-361-11
LOT NO. 908-
HKDS-X3014_CNI-5_004_2

CNI-5 (3/3)

HKDS-X3014 : S/N 10001 and Higher


E4
TP1
R304 1k
R305 2.2k
D301 CL-150PG-CD-T
+5V
C301 0.1uF
C302 220uF 10V
L301 8.2uH
C303 0.1uF
C304 220uF 10V
L302 47uH
Q302 SI4431DY-T1
Q301 MTD20N03HDL-T4
R306 10k
C305 47uF ---
C306 47uF ---
R308 47
D303 SB05-05CP-TB
R310 15k
C307 0.022uF
R307 10k
R309 100
D302 SB05-05CP-TB
R311 10k
C308 0.022uF
Q303 2SC1623-T1-L5L6
Q304 2SA1462-T1Y33Y34
Q305 2SK711-BL/V-TE85L
C309 0.1uF
R315 68
R312 10k
R313 3k
R314 560
E1
E2
E3
GND
R320 220
R322 220
C312 0.1uF
C313 1uF 35V
IC301 TL1451ACNSR
R319 220k
4.7k R318
C310 0.022uF
VCC IN+1 IN-1 FB1 DTC1 IN+2 IN-2 FB2 DTC2 CT RT GND OUT1 OUT2 REFO SCP
C311 330pF
R321 22k
C315 22uF 4V
R323 39k
R324 33k
C314 4.7uF 16V
R316 39k
R317 39k
C316 0.1uF
L303 8.2uH
C317 0.1uF
C318 0.1uF
C319 470uF 16V
10A/125V
LITTEL FUSE 451010
F301 10A
NC 1A (1/48) CN1
NC 1B (2/48) CN1
NC 1C (3/48) CN1
VRET 1D (4/48) CN1
NC 2A (5/48) CN1
NC 2B (6/48) CN1
NC 2C (7/48) CN1
NC 2D (8/48) CN1
NC 3A (9/48) CN1
NC 3B (10/48) CN1
NC 3C (11/48) CN1
NC 3D (12/48) CN1
NC 4A (13/48) CN1
NC 4B (14/48) CN1
NC 4C (15/48) CN1
NC 4D (16/48) CN1
+12V 5A (17/48) CN1
+12V 5B (18/48) CN1
+12V 5C (19/48) CN1
+12V 5D (20/48) CN1
+12V 6A (21/48) CN1
+12V 6B (22/48) CN1
+12V 6C (23/48) CN1
+12V 6D (24/48) CN1
GND 7A (25/48) CN1
+12V 7B (26/48) CN1
+12V 7C (27/48) CN1
GND 7D (28/48) CN1
GND 8A (29/48) CN1
+12V 8B (30/48) CN1
+12V 8C (31/48) CN1
GND 8D (32/48) CN1
GND 9A (33/48) CN1
+12V 9B (34/48) CN1
+12V 9C (35/48) CN1
GND 9D (36/48) CN1
GND 10A (37/48) CN1
+12V 10B (38/48) CN1
+12V 10C (39/48) CN1
GND 10D (40/48) CN1
GND 11A (41/48) CN1
+12V 11B (42/48) CN1
+12V 11C (43/48) CN1
GND 11D (44/48) CN1
GND 12A (45/48) CN1
+12V 12B (46/48) CN1
+12V 12C (47/48) CN1
GND 12D (48/48) CN1


R302 100
GND
IDDUMMY
CN2-A11/B11
CN2-D11/E11
CN2-A12


IDA1
CN2-D12
IDA0
CN2-E12
R301 100
R303 100
GND

CN2

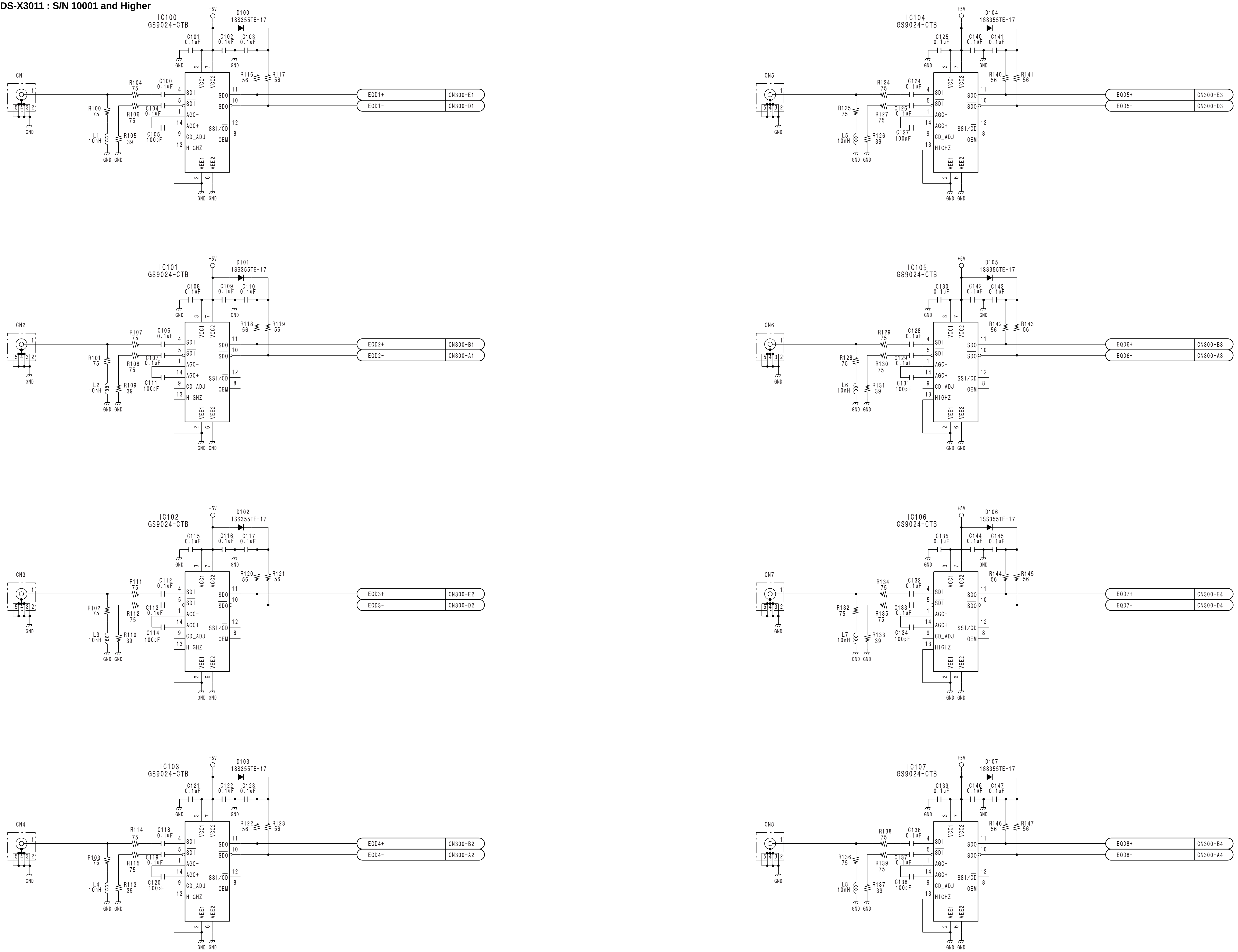
	H	G	A	B	C	D	E	F
1	☒	GND	EQD2-	EQD2+	GND	EQD1-	EQD1+	☒
2	GND	GND	EQD4-	EQD4+	GND	EQD3-	EQD3+	GND
3	☒	GND	EQD6-	EQD6+	GND	EQD5-	EQD5+	☒
4	☒	GND	EQD8-	EQD8+	GND	EQD7-	EQD7+	GND
5	☒	GND	GND	GND	GND	GND	GND	☒
6	GND	GND	EQD10-	EQD10+	GND	EQD9-	EQD9+	GND
7	☒	GND	EQD12-	EQD12+	GND	EQD11-	EQD11+	☒
8	GND	GND	EQD14-	EQD14+	GND	EQD13-	EQD13+	GND
9	☒	GND	EQD16-	EQD16+	GND	EQD15-	EQD15+	☒
10	☒	GND			GND	GND	GND	GND
11	☒	GND	IDDUMMY (IDA7)	IDDUMMY (IDA6)	GND	IDDUMMY (IDA5)	IDDUMMY (IDA4)	☒
12	GND	GND	IDDUMMY (IDA3)	(IDA2)	GND	IDA1	IDA0	GND

CNI-5 (3/3)

BOARD NO. 1-676-361-11
LOT NO. 908-
HKDS-X3014_CNI-5_004_3

4-10

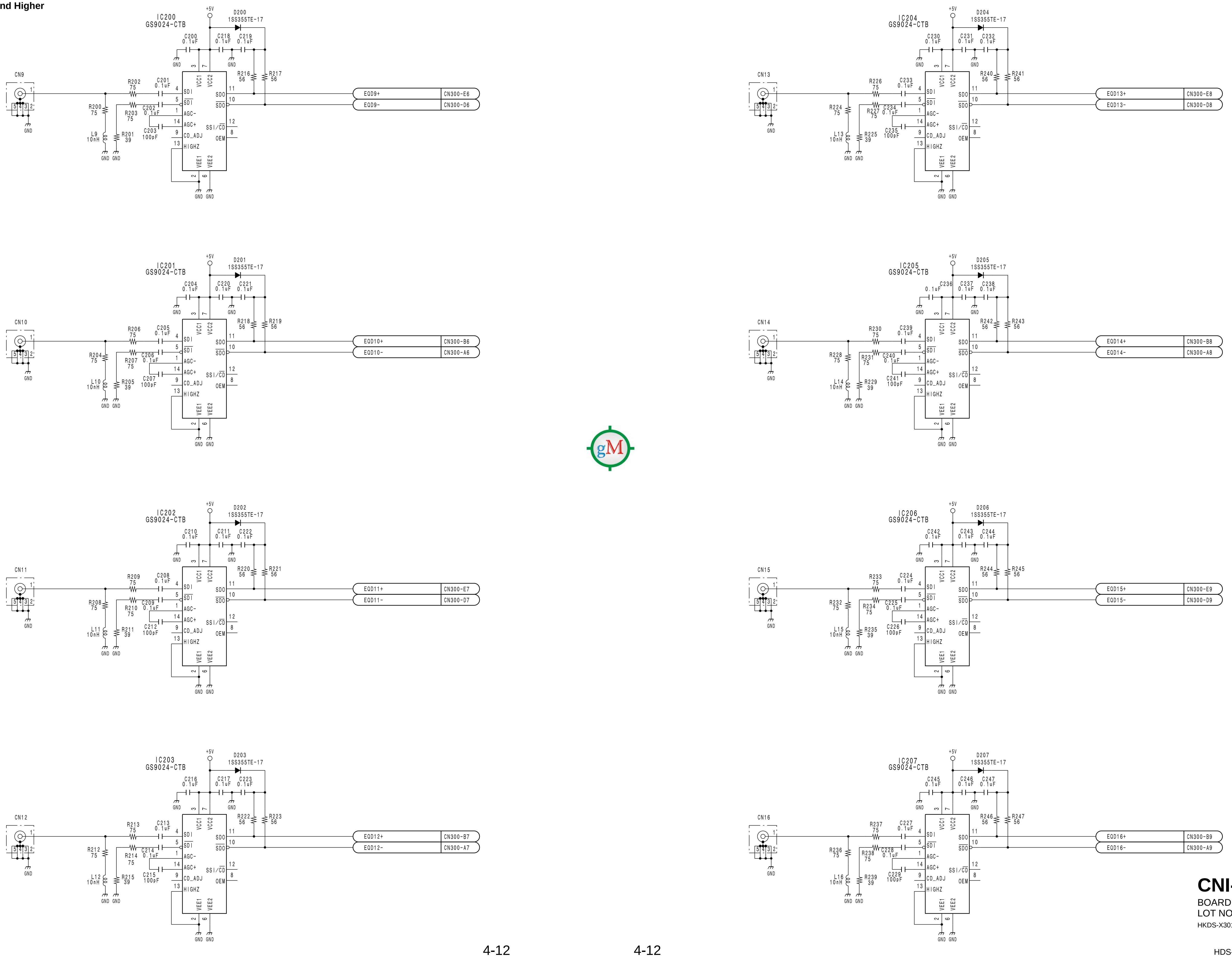
HKDS-X3011 : S/N 10001 and Higher


IC100
GS9024-CTB
+5V
D100
1SS355TE-17
C101 0.1uF
C102 0.1uF
C103 0.1uF
GND
R116 56
R117 56
CN1
R104 75
C100 0.1uF
R100 75
R106 75
C104 0.1uF
L1 10nH
R105 39
C105 100pF
SDI
SDI
AGC-
AGC+
CD_ADJ
HIGHZ
VCC1
VCC2
VEE1
VEE2
SDO
SDO
SSI/CD
OEM
EQD1+
EQD1-
CN300-E1
CN300-D1
IC101
GS9024-CTB
D101
1SS355TE-17
C108 0.1uF
C109 0.1uF
C110 0.1uF
R118 56
R119 56
CN2
R107 75
C106 0.1uF
R101 75
R108 75
C107 0.1uF
L2 10nH
R109 39
C111 100pF
EQD2+
EQD2-
CN300-B1
CN300-A1
IC102
GS9024-CTB
D102
1SS355TE-17
C115 0.1uF
C116 0.1uF
C117 0.1uF
R120 56
R121 56
CN3
R111 75
C112 0.1uF
R102 75
R112 75
C113 0.1uF
L3 10nH
R110 39
C114 100pF
EQD3+
EQD3-
CN300-E2
CN300-D2
IC103
GS9024-CTB
D103
1SS355TE-17
C121 0.1uF
C122 0.1uF
C123 0.1uF
R122 56
R123 56
CN4
R114 75
C118 0.1uF
R103 75
R115 75
C119 0.1uF
L4 10nH
R113 39
C120 100pF
EQD4+
EQD4-
CN300-B2
CN300-A2
IC104
GS9024-CTB
D104
1SS355TE-17
C125 0.1uF
C140 0.1uF
C141 0.1uF
R140 56
R141 56
CN5
R124 75
C124 0.1uF
R125 75
R127 75
C126 0.1uF
L5 10nH
R126 39
C127 100pF
EQD5+
EQD5-
CN300-E3
CN300-D3
IC105
GS9024-CTB
D105
1SS355TE-17
C130 0.1uF
C142 0.1uF
C143 0.1uF
R142 56
R143 56
CN6
R129 75
C128 0.1uF
R128 75
R130 75
C129 0.1uF
L6 10nH
R131 39
C131 100pF
EQD6+
EQD6-
CN300-B3
CN300-A3
IC106
GS9024-CTB
D106
1SS355TE-17
C135 0.1uF
C144 0.1uF
C145 0.1uF
R144 56
R145 56
CN7
R134 75
C132 0.1uF
R132 75
R135 75
C133 0.1uF
L7 10nH
R133 39
C134 100pF
EQD7+
EQD7-
CN300-E4
CN300-D4
IC107
GS9024-CTB
D107
1SS355TE-17
C139 0.1uF
C146 0.1uF
C147 0.1uF
R146 56
R147 56
CN8
R138 75
C136 0.1uF
R136 75
R139 75
C137 0.1uF
L8 10nH
R137 39
C138 100pF
EQD8+
EQD8-
CN300-B4
CN300-A4

CNI-7 (1/3)

BOARD NO. 1-676-360-11
LOT NO. 910-
HKDS-X3011_CNI-7_002_1

HKDS-X3011 : S/N 10001 and Higher

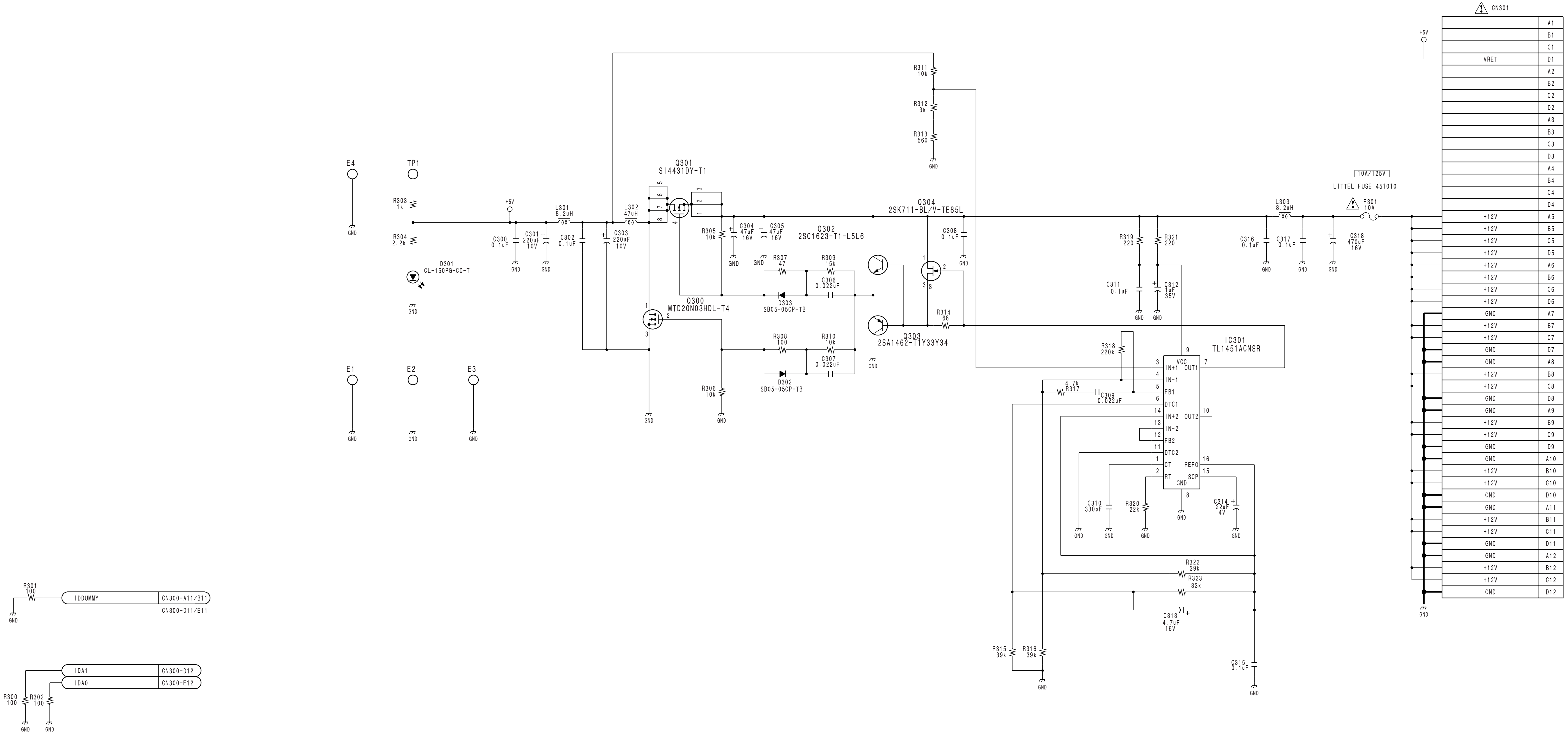

IC200
GS9024-CTB
+5V
D200
1SS355TE-17
C200 0.1uF
C218 0.1uF
C219 0.1uF
R216 56
R217 56
CN9
R202 75
C201 0.1uF
R200 75
R203 75
C202 0.1uF
C203 100pF
L9 10nH
R201 39
SDI
SDI
AGC-
AGC+
CD_ADJ
HIGHZ
VCC1
VCC2
VEE1
VEE2
SDO
SDO
SSI/CD
OEM
GND
EQD9+
EQD9-
CN300-E6
CN300-D6
IC201
GS9024-CTB
D201
1SS355TE-17
C204 0.1uF
C220 0.1uF
C221 0.1uF
R218 56
R219 56
CN10
R206 75
C205 0.1uF
R204 75
R207 75
C206 0.1uF
C207 100pF
L10 10nH
R205 39
EQD10+
EQD10-
CN300-B6
CN300-A6
IC202
GS9024-CTB
D202
1SS355TE-17
C210 0.1uF
C211 0.1uF
C222 0.1uF
R220 56
R221 56
CN11
R209 75
C208 0.1uF
R208 75
R210 75
C209 0.1uF
C212 100pF
L11 10nH
R211 39
EQD11+
EQD11-
CN300-E7
CN300-D7
IC203
GS9024-CTB
D203
1SS355TE-17
C216 0.1uF
C217 0.1uF
C223 0.1uF
R222 56
R223 56
CN12
R213 75
C213 0.1uF
R212 75
R214 75
C214 0.1uF
C215 100pF
L12 10nH
R215 39
EQD12+
EQD12-
CN300-B7
CN300-A7
IC204
GS9024-CTB
D204
1SS355TE-17
C230 0.1uF
C231 0.1uF
C232 0.1uF
R240 56
R241 56
CN13
R226 75
C233 0.1uF
R224 75
R227 75
C234 0.1uF
C235 100pF
L13 10nH
R225 39
EQD13+
EQD13-
CN300-E8
CN300-D8
IC205
GS9024-CTB
D205
1SS355TE-17
C236 0.1uF
C237 0.1uF
C238 0.1uF
R242 56
R243 56
CN14
R230 75
C239 0.1uF
R228 75
R231 75
C240 0.1uF
C241 100pF
L14 10nH
R229 39
EQD14+
EQD14-
CN300-B8
CN300-A8
IC206
GS9024-CTB
D206
1SS355TE-17
C242 0.1uF
C243 0.1uF
C244 0.1uF
R244 56
R245 56
CN15
R233 75
C224 0.1uF
R232 75
R234 75
C225 0.1uF
C226 100pF
L15 10nH
R235 39
EQD15+
EQD15-
CN300-E9
CN300-D9
IC207
GS9024-CTB
D207
1SS355TE-17
C245 0.1uF
C246 0.1uF
C247 0.1uF
R246 56
R247 56
CN16
R237 75
C227 0.1uF
R236 75
R238 75
C228 0.1uF
C229 100pF
L16 10nH
R239 39
EQD16+
EQD16-
CN300-B9
CN300-A9

CNI-7 (2/3)

BOARD NO. 1-676-360-11
LOT NO. 910-
HKDS-X3011_CNI-7_002_2

CNI-7 (3/3)

HKDS-X3011 : S/N 10001 and Higher


CN301
+5V
VRET
A1 B1 C1 D1 A2 B2 C2 D2 A3 B3 C3 D3 A4 B4 C4 D4
A5 +12V
B5 +12V
C5 +12V
D5 +12V
A6 +12V
B6 +12V
C6 +12V
D6 +12V
A7 GND
B7 +12V
C7 +12V
D7 GND
A8 GND
B8 +12V
C8 +12V
D8 GND
A9 GND
B9 +12V
C9 +12V
D9 GND
A10 GND
B10 +12V
C10 +12V
D10 GND
A11 GND
B11 +12V
C11 +12V
D11 GND
A12 GND
B12 +12V
C12 +12V
D12 GND
10A/125V
LITTEL FUSE 451010
F301 10A
L303 8.2uH
C316 0.1uF
C317 0.1uF
C318 470uF 16V
R311 10k
R312 3k
R313 560
E4
TP1
R303 1k
R304 2.2k
D301 CL-150PG-CD-T
+5V
L301 8.2uH
C300 0.1uF
C301 220uF 10V
C302 0.1uF
L302 47uH
C303 220uF 10V
Q301 SI4431DY-T1
Q300 MTD20N03HDL-T4
R305 10k
C304 47uF 16V
C305 47uF 16V
Q302 2SC1623-T1-L5L6
Q304 2SK711-BL/V-TE85L
C308 0.1uF
R307 47
R309 15k
C306 0.022uF
D303 SB05-05CP-TB
R308 100
R310 10k
C307 0.022uF
D302 SB05-05CP-TB
R306 10k
R314 68
Q303 2SA1462-T1Y33Y34
E1
E2
E3
R319 220
R321 220
C311 0.1uF
C312 1uF 35V
IC301 TL1451ACNSR
R318 220k
4.7k R317
C309 0.022uF
VCC IN+1 IN-1 FB1 DTC1 IN+2 IN-2 FB2 DTC2 CT RT GND OUT1 OUT2 REFO SCP
C310 330pF
R320 22k
C314 22uF 4V
R322 39k
R323 33k
C313 4.7uF 16V
R315 39k
R316 39k
C315 0.1uF
GND
R301 100
IDDUMMY
CN300-A11/B11
CN300-D11/E11
IDA1
CN300-D12
IDA0
CN300-E12
R300 100
R302 100

CN300

	H	G	A	B	C	D	E	F
1	☒	GND	EQD2-	EQD2+	GND	EQD1-	EQD1+	☒
2	GND	GND	EQD4-	EQD4+	GND	EQD3-	EQD3+	GND
3	☒	GND	EQD6-	EQD6+	GND	EQD5-	EQD5+	☒
4	☒	GND	EQD8-	EQD8+	GND	EQD7-	EQD7+	GND
5	☒	GND	GND	GND	GND	GND	GND	☒
6	GND	GND	EQD10-	EQD10+	GND	EQD9-	EQD9+	GND
7	☒	GND	EQD12-	EQD12+	GND	EQD11-	EQD11+	☒
8	GND	GND	EQD14-	EQD14+	GND	EQD13-	EQD13+	GND
9	☒	GND	EQD16-	EQD16+	GND	EQD15-	EQD15+	☒
10	☒	GND			GND	GND	GND	GND
11	☒	GND	IDDUMMY (IDA7)	IDDUMMY (IDA6)	GND	IDDUMMY (IDA5)	IDDUMMY (IDA4)	☒
12	GND	GND	(IDA3)	(IDA2)	GND	IDA1	IDA0	GND

CNI-7 (3/3)

BOARD NO. 1-676-360-11
LOT NO. 910-
HKDS-X3011_CNI-7_002_3

HKDS-X3064 : S/N 10001 and Higher

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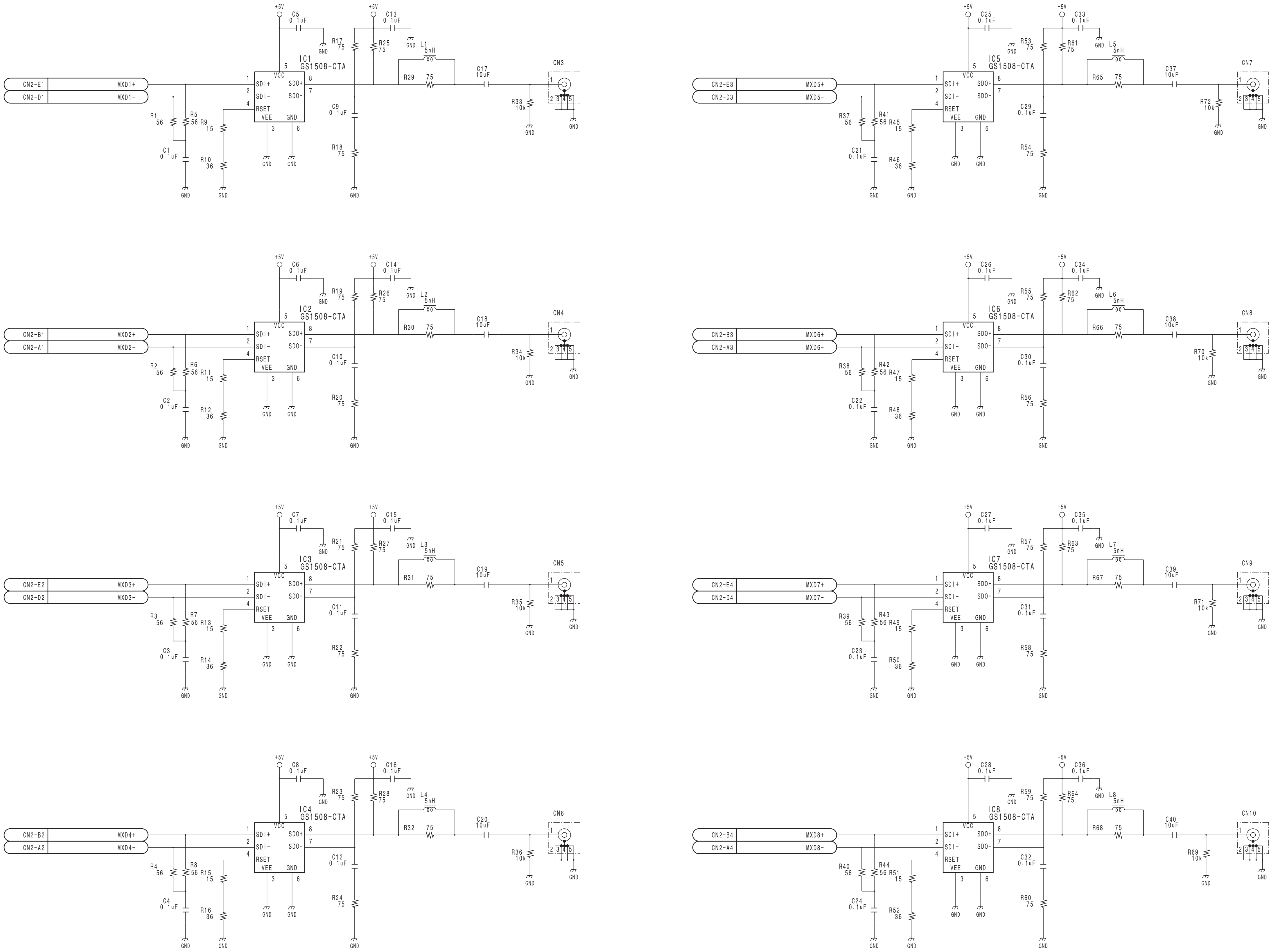

IC1 GS1508-CTA
IC2 GS1508-CTA
IC3 GS1508-CTA
IC4 GS1508-CTA
IC5 GS1508-CTA
IC6 GS1508-CTA
IC7 GS1508-CTA
IC8 GS1508-CTA
CN2-E1 MXD1+
CN2-D1 MXD1-
CN2-B1 MXD2+
CN2-A1 MXD2-
CN2-E2 MXD3+
CN2-D2 MXD3-
CN2-B2 MXD4+
CN2-A2 MXD4-
CN2-E3 MXD5+
CN2-D3 MXD5-
CN2-B3 MXD6+
CN2-A3 MXD6-
CN2-E4 MXD7+
CN2-D4 MXD7-
CN2-B4 MXD8+
CN2-A4 MXD8-
CN3
CN4
CN5
CN6
CN7
CN8
CN9
CN10
SDI+
SDI-
RSET
VCC
VEE
GND
SDO+
SDO-
+5V
0.1uF
10uF
5nH
10k
75
56
15
36
L1
L2
L3
L4
L5
L6
L7
L8

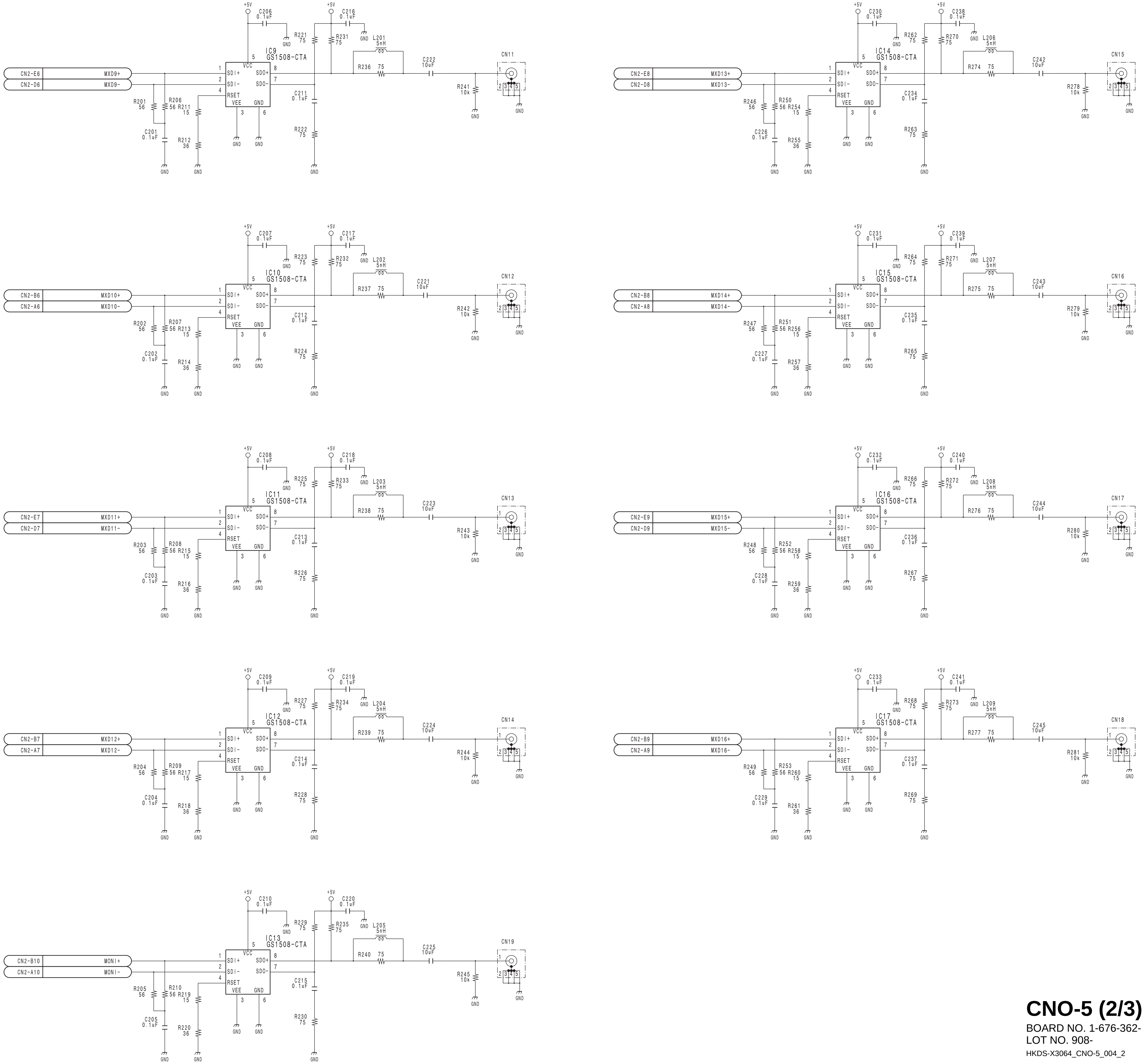
CNO-5 (1/3)

BOARD NO. 1-676-362-11
LOT NO. 908-
HKDS-X3064_CNO-5_004_1

A B C D E F G H

CNO-5 (2/3)

HKDS-X3064 : S/N 10001 and Higher


+5V
C206
0.1uF
GND
+5V
C216
0.1uF
GND
R221
75
R231
75
L201
5nH
IC9
GS1508-CTA
VCC
SDI+
SDI-
RSET
VEE
GND
SDO+
SDO-
1
2
4
3
6
5
8
7
CN2-E6
MXD9+
CN2-D6
MXD9-
R201
56
R206
56
R211
15
C201
0.1uF
R212
36
R236
75
C222
10uF
C211
0.1uF
R222
75
R241
10k
CN11
1
2
3
4
5
GND
+5V
C207
0.1uF
C217
0.1uF
R223
75
R232
75
L202
5nH
IC10
GS1508-CTA
CN2-B6
MXD10+
CN2-A6
MXD10-
R202
56
R207
56
R213
15
C202
0.1uF
R214
36
R237
75
C221
10uF
C212
0.1uF
R224
75
R242
10k
CN12
+5V
C208
0.1uF
C218
0.1uF
R225
75
R233
75
L203
5nH
IC11
GS1508-CTA
CN2-E7
MXD11+
CN2-D7
MXD11-
R203
56
R208
56
R215
15
C203
0.1uF
R216
36
R238
75
C223
10uF
C213
0.1uF
R226
75
R243
10k
CN13
+5V
C209
0.1uF
C219
0.1uF
R227
75
R234
75
L204
5nH
IC12
GS1508-CTA
CN2-B7
MXD12+
CN2-A7
MXD12-
R204
56
R209
56
R217
15
C204
0.1uF
R218
36
R239
75
C224
10uF
C214
0.1uF
R228
75
R244
10k
CN14
+5V
C210
0.1uF
C220
0.1uF
R229
75
R235
75
L205
5nH
IC13
GS1508-CTA
CN2-B10
MONI+
CN2-A10
MONI-
R205
56
R210
56
R219
15
C205
0.1uF
R220
36
R240
75
C225
10uF
C215
0.1uF
R230
75
R245
10k
CN19
+5V
C230
0.1uF
C238
0.1uF
R262
75
R270
75
L206
5nH
IC14
GS1508-CTA
CN2-E8
MXD13+
CN2-D8
MXD13-
R246
56
R250
56
R254
15
C226
0.1uF
R255
36
R274
75
C242
10uF
C234
0.1uF
R263
75
R278
10k
CN15
+5V
C231
0.1uF
C239
0.1uF
R264
75
R271
75
L207
5nH
IC15
GS1508-CTA
CN2-B8
MXD14+
CN2-A8
MXD14-
R247
56
R251
56
R256
15
C227
0.1uF
R257
36
R275
75
C243
10uF
C235
0.1uF
R265
75
R279
10k
CN16
+5V
C232
0.1uF
C240
0.1uF
R266
75
R272
75
L208
5nH
IC16
GS1508-CTA
CN2-E9
MXD15+
CN2-D9
MXD15-
R248
56
R252
56
R258
15
C228
0.1uF
R259
36
R276
75
C244
10uF
C236
0.1uF
R267
75
R280
10k
CN17
+5V
C233
0.1uF
C241
0.1uF
R268
75
R273
75
L209
5nH
IC17
GS1508-CTA
CN2-B9
MXD16+
CN2-A9
MXD16-
R249
56
R253
56
R260
15
C229
0.1uF
R261
36
R277
75
C245
10uF
C237
0.1uF
R269
75
R281
10k
CN18

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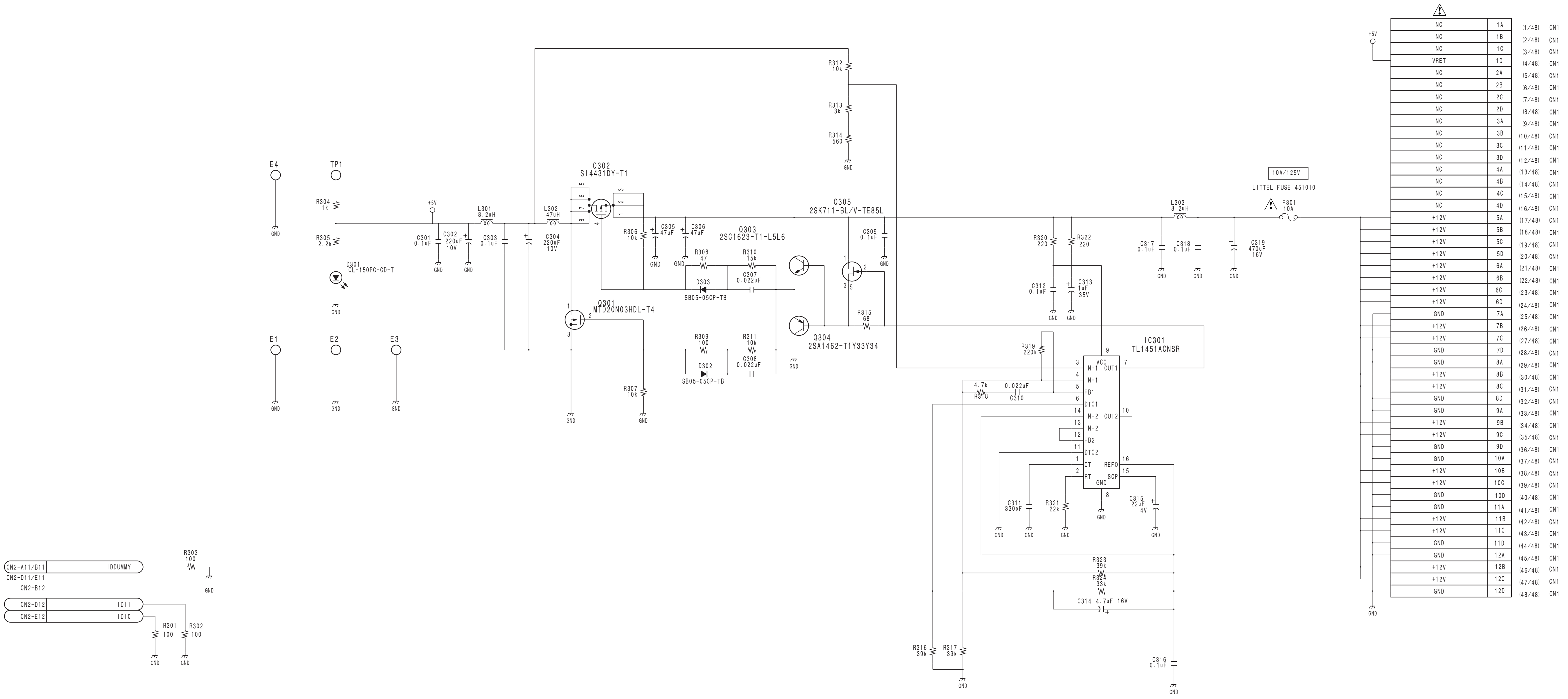
CNO-5 (2/3)

BOARD NO. 1-676-362-11
LOT NO. 908-
HKDS-X3064_CNO-5_004_2

4-15

CNO-5 (3/3)

HKDS-X3064 : S/N 10001 and Higher


E4
TP1
E1
E2
E3
R304 1k
R305 2.2k
D301 CL-150PG-CD-T
+5V
C301 0.1uF
C302 220uF 10V
C303 0.1uF
L301 8.2uH
L302 47uH
C304 220uF 10V
Q302 SI4431DY-T1
Q301 MTD20N03HDL-T4
R306 10k
R307 10k
C305 47uF
C306 47uF
R308 47
R310 15k
C307 0.022uF
D303 SB05-05CP-TB
R309 100
R311 10k
C308 0.022uF
D302 SB05-05CP-TB
Q303 2SC1623-T1-L5L6
Q304 2SA1462-T1Y33Y34
Q305 2SK711-BL/V-TE85L
R312 10k
R313 3k
R314 560
C309 0.1uF
R315 68
R319 220k
R320 220
R322 220
C312 0.1uF
C313 1uF 35V
IC301 TL1451ACNSR
VCC
OUT1
IN+1
IN-1
FB1
DTC1
IN+2
OUT2
IN-2
FB2
DTC2
CT
REFO
RT
SCP
GND
R318 4.7k
C310 0.022uF
C311 330pF
R321 22k
C315 22uF 4V
R323 39k
R324 33k
C314 4.7uF 16V
R316 39k
R317 39k
C316 0.1uF
L303 8.2uH
10A/125V
LITTEL FUSE 451010
F301 10A
C317 0.1uF
C318 0.1uF
C319 470uF 16V
CN1
CN2-A11/B11
IDDUMMY
CN2-D11/E11
CN2-B12
CN2-D12
IDI1
CN2-E12
IDI0
R303 100
R301 100
R302 100
GND

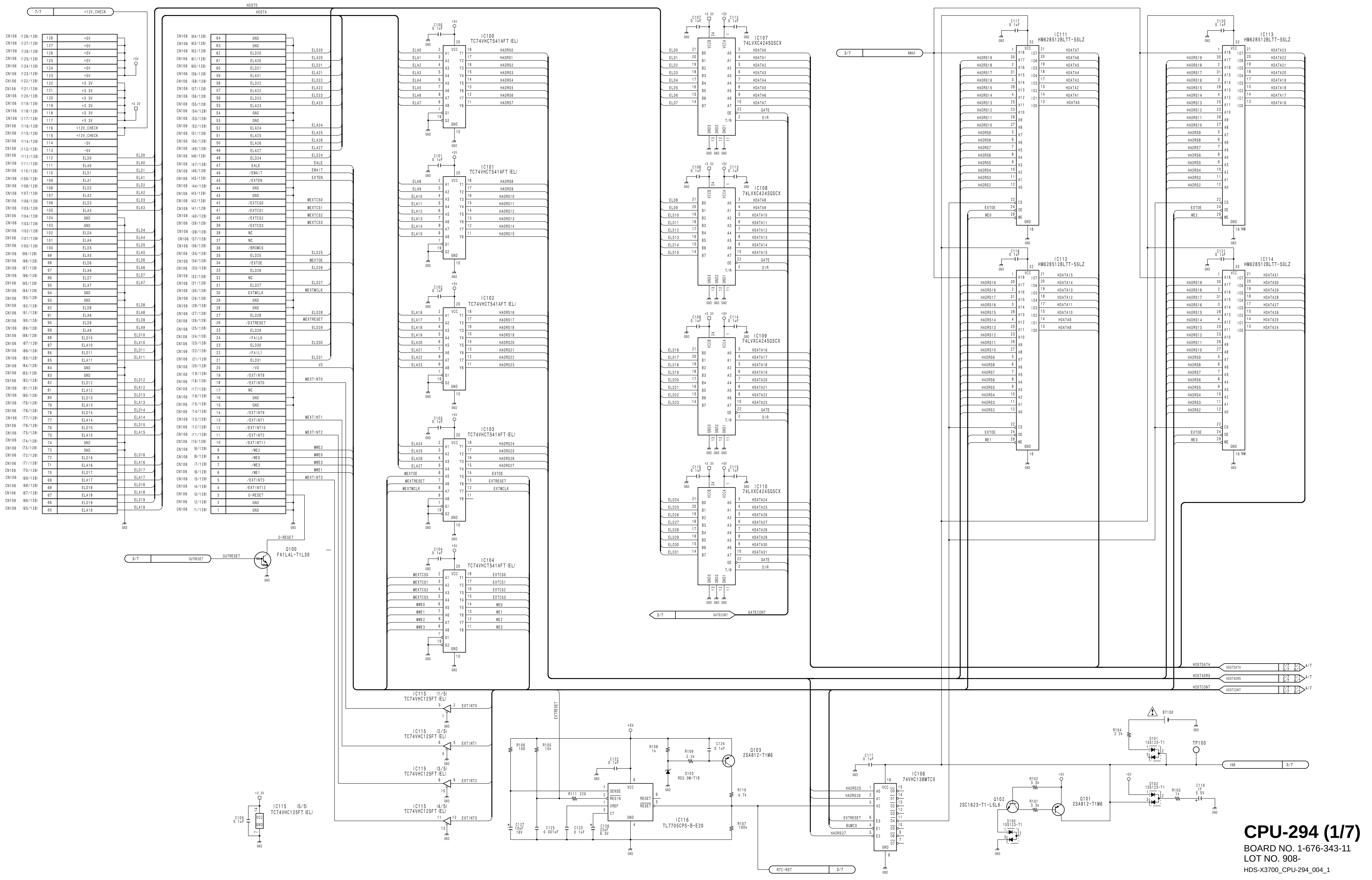
CN2

	H	G	A	B	C	D	E	F
1		GND	MXD2-	MXD2+	GND	MXD1-	MXD1+	
2	GND	GND	MXD4-	MXD4+	GND	MXD3-	MXD3+	GND
3		GND	MXD6-	MXD6+	GND	MXD5-	MXD5+	
4		GND	MXD8-	MXD8+	GND	MXD7-	MXD7+	GND
5		GND	GND	GND	GND	GND	GND	
6	GND	GND	MXD10-	MXD10+	GND	MXD9-	MXD9+	GND
7		GND	MXD12-	MXD12+	GND	MXD11-	MXD11+	
8	GND	GND	MXD14-	MXD14+	GND	MXD13-	MXD13+	GND
9		GND	MXD16-	MXD16+	GND	MXD15-	MXD15+	
10		GND	MONI-	MONI+	GND	GND	GND	GND
11		GND	IDDUMMY (IDI7)	IDDUMMY (IDI6)	GND	IDDUMMY (IDI5)	IDDUMMY (IDI4)	
12	GND	GND	(IDI3)	IDDUMMY (IDI2)	GND	IDI1	IDI0	GND

CNO-5 (3/3)

BOARD NO. 1-676-362-11
LOT NO. 908-
HKDS-X3064_CNO-5_004_3

HDS-X3600 : S/N 10001 and Higher
HDS-X3700 : S/N 10001 and Higher


CN106
IC100 TC74VHCT541AFT (EL)
IC101 TC74VHCT541AFT (EL)
IC102 TC74VHCT541AFT (EL)
IC103 TC74VHCT541AFT (EL)
IC104 TC74VHCT541AFT (EL)
IC107 74LVXC4245QSCX
IC108 74LVXC4245QSCX
IC109 74LVXC4245QSCX
IC110 74LVXC4245QSCX
IC111 HM628512BLTT-5SLZ
IC112 HM628512BLTT-5SLZ
IC113 HM628512BLTT-5SLZ
IC114 HM628512BLTT-5SLZ
IC115 (1/5) TC74VHC125FT (EL)
IC115 (2/5) TC74VHC125FT (EL)
IC115 (3/5) TC74VHC125FT (EL)
IC115 (4/5) TC74VHC125FT (EL)
IC115 (5/5) TC74VHC125FT (EL)
IC116 TL7705CPS-B-E20
IC106 74VHC138MTCX
Q100 FA1L4L-T1L30
Q101 2SA812-T1M6
Q102 2SC1623-T1-L5L6
Q103 2SA812-T1M6
D100 1SS123-T1
D101 1SS123-T1
D102 1SS123-T1
D103 RD3.0M-T1B
BT100
TP100
HOSTD
HOSTA
HOSTDATA
HOSTADRS
HOSTCONT
GATECONT
RTC-RST
OUTRESET
O-RESET
EXTRESET
EXTINT0
EXTINT1
EXTINT2
EXTINT3
+12V_CHECK
7/7
3/7
4/7
+5V
+3.3V
GND
1
2
3
4
5
A
B
C
D
E
F
G
H

CPU-294 (1/7)
BOARD NO. 1-676-343-11
LOT NO. 908-
HDS-X3700_CPU-294_004_1

CPU-294 (2/7)

HDS-X3600 : S/N 10001 and Higher
HDS-X3700 : S/N 10001 and Higher

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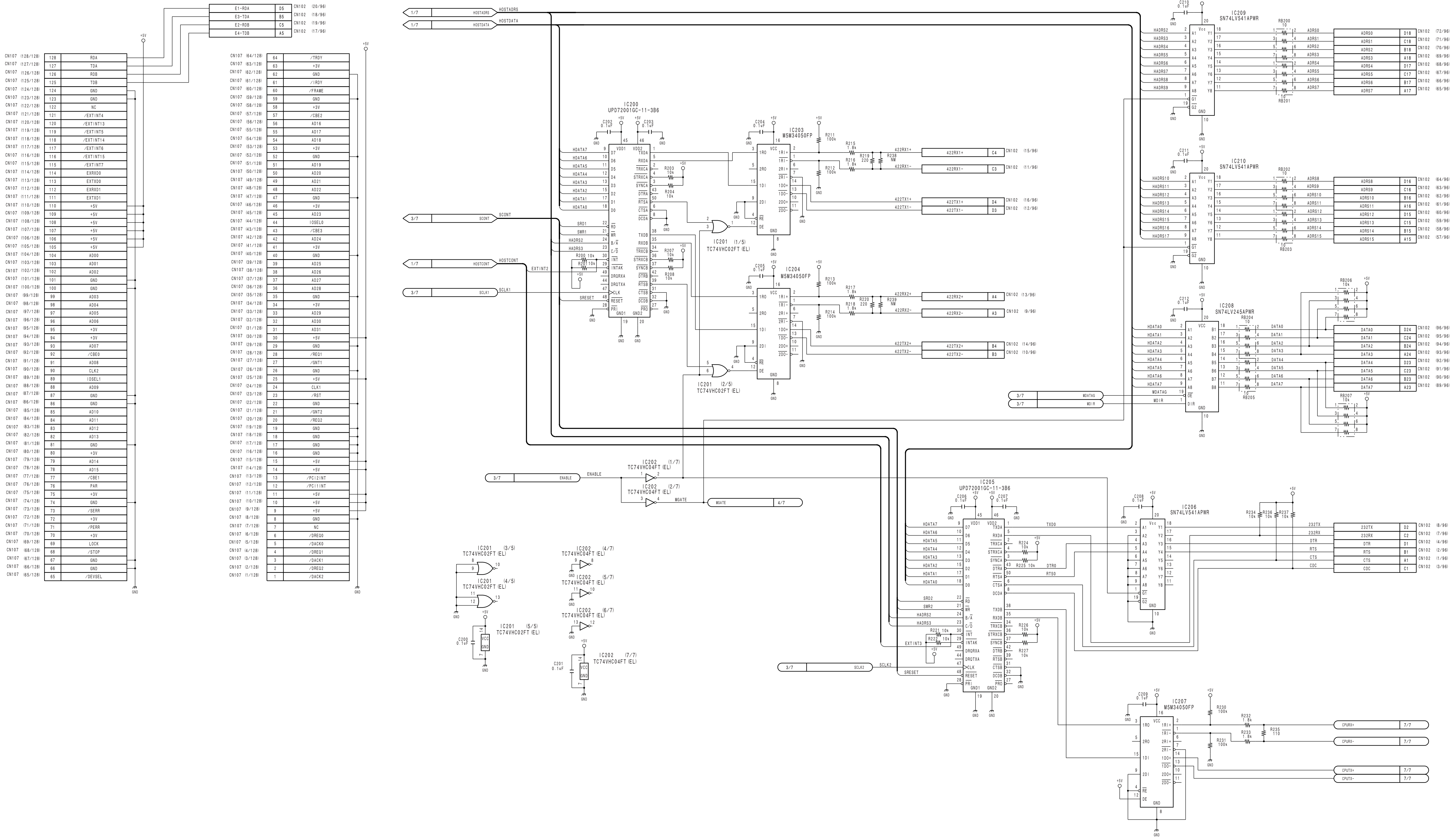

IC200 UPD72001GC-11-3B6
IC201 (1/5) TC74VHC02FT (EL)
IC201 (2/5) TC74VHC02FT (EL)
IC201 (3/5) TC74VHC02FT (EL)
IC201 (4/5) TC74VHC02FT (EL)
IC201 (5/5) TC74VHC02FT (EL)
IC202 (1/7) TC74VHC04FT (EL)
IC202 (2/7) TC74VHC04FT (EL)
IC202 (4/7) TC74VHC04FT (EL)
IC202 (5/7) TC74VHC04FT (EL)
IC202 (6/7) TC74VHC04FT (EL)
IC202 (7/7) TC74VHC04FT (EL)
IC203 M5M34050FP
IC204 M5M34050FP
IC205 UPD72001GC-11-3B6
IC206 SN74LV541APWR
IC207 M5M34050FP
IC208 SN74LV245APWR
IC209 SN74LV541APWR
IC210 SN74LV541APWR
CN107
CN102
HOSTADRS
HOSTDATA
SCONT
HOSTCONT
SCLK1
EXTINT2
ENABLE
MGATE
SCLK2
EXTINT3
SRESET
MDATAG
MDIR
CPURX+
CPURX-
CPUTX+
CPUTX-
1/7
3/7
4/7
7/7
GND
+5V

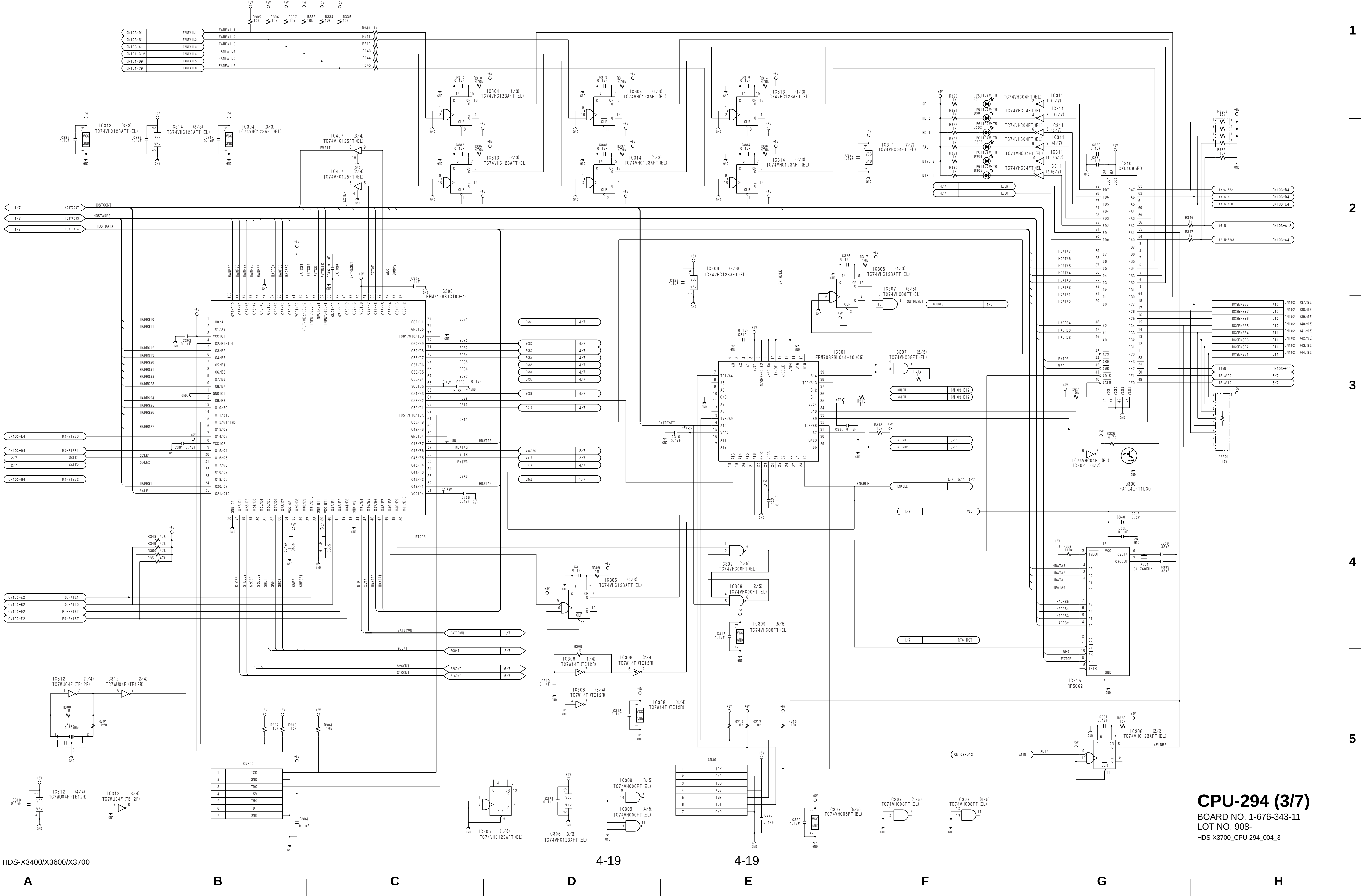
CPU-294 (2/7)
BOARD NO. 1-676-343-11
LOT NO. 908-
HDS-X3700_CPU-294_004_2

4-18

A B C D E F G H

CPU-294 (3/7)

HDS-X3600 : S/N 10001 and Higher
HDS-X3700 : S/N 10001 and Higher

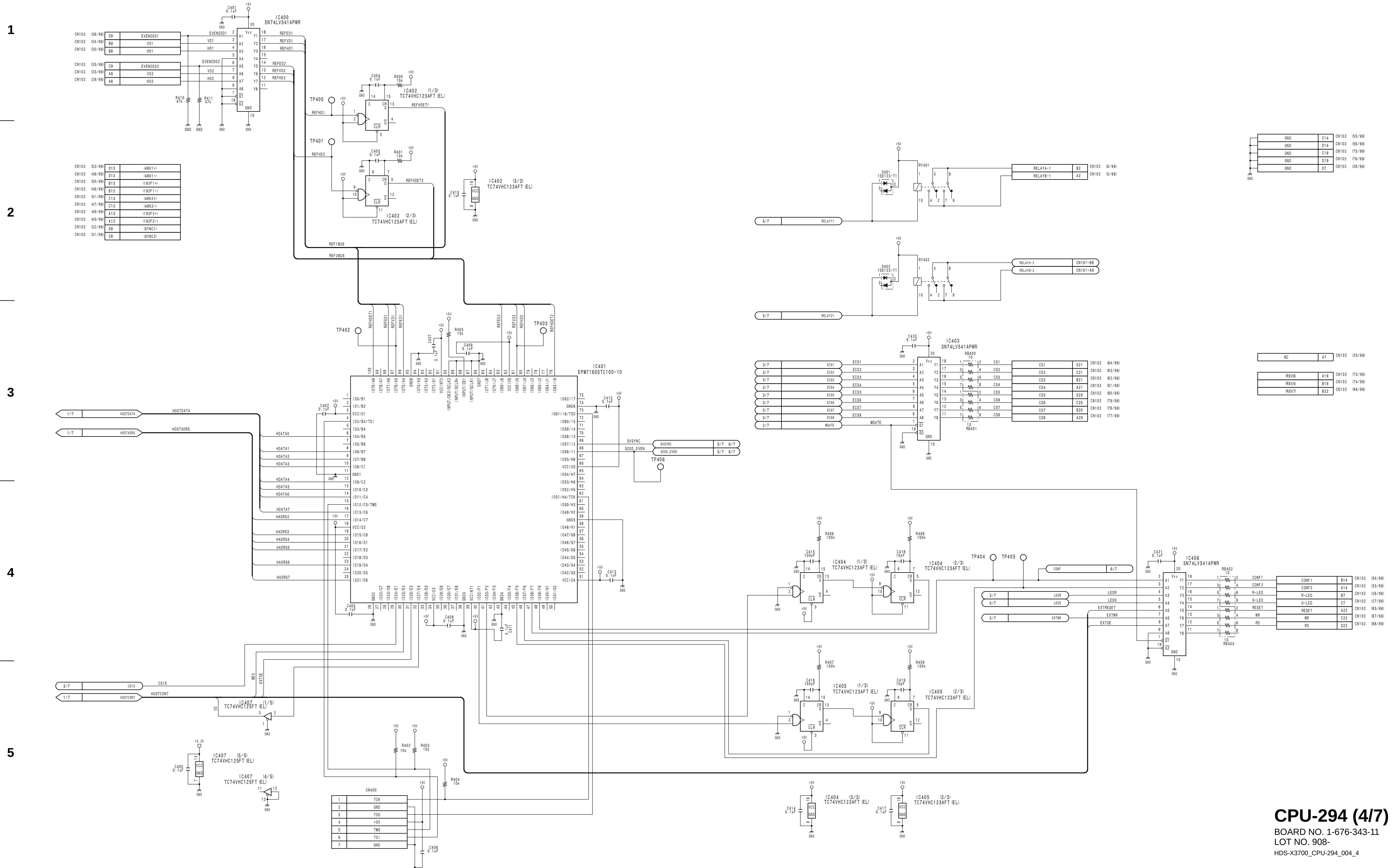

IC300 EPM7128STC100-10
IC301 EPM7032SLC44-10 (05)
IC310 CXD1095BQ
IC315 RF5C62
IC304 TC74VHC123AFT (EL)
IC313 TC74VHC123AFT (EL)
IC314 TC74VHC123AFT (EL)
IC305 TC74VHC123AFT (EL)
IC306 TC74VHC123AFT (EL)
IC307 TC74VHC08FT (EL)
IC309 TC74VHC00FT (EL)
IC311 TC74VHC04FT (EL)
IC407 TC74VHC125FT (EL)
IC308 TC7W14F (TE12R)
IC312 TC7WU04F (TE12R)
IC202 TC74VHC04FT (EL)
D300 FA1L4L-T1L30
X300 9.83MHz
X301 32.768KHz
CN300
CN301
HOSTCONT
HOSTADRS
HOSTDATA
GATECONT
SCONT
S2CONT
S1CONT
ENABLE
RTC-RST
1
2
3
4
5
A
B
C
D
E
F
G
H

CPU-294 (3/7)

BOARD NO. 1-676-343-11
LOT NO. 908-
HDS-X3700_CPU-294_004_3

CPU-294 (4/7)

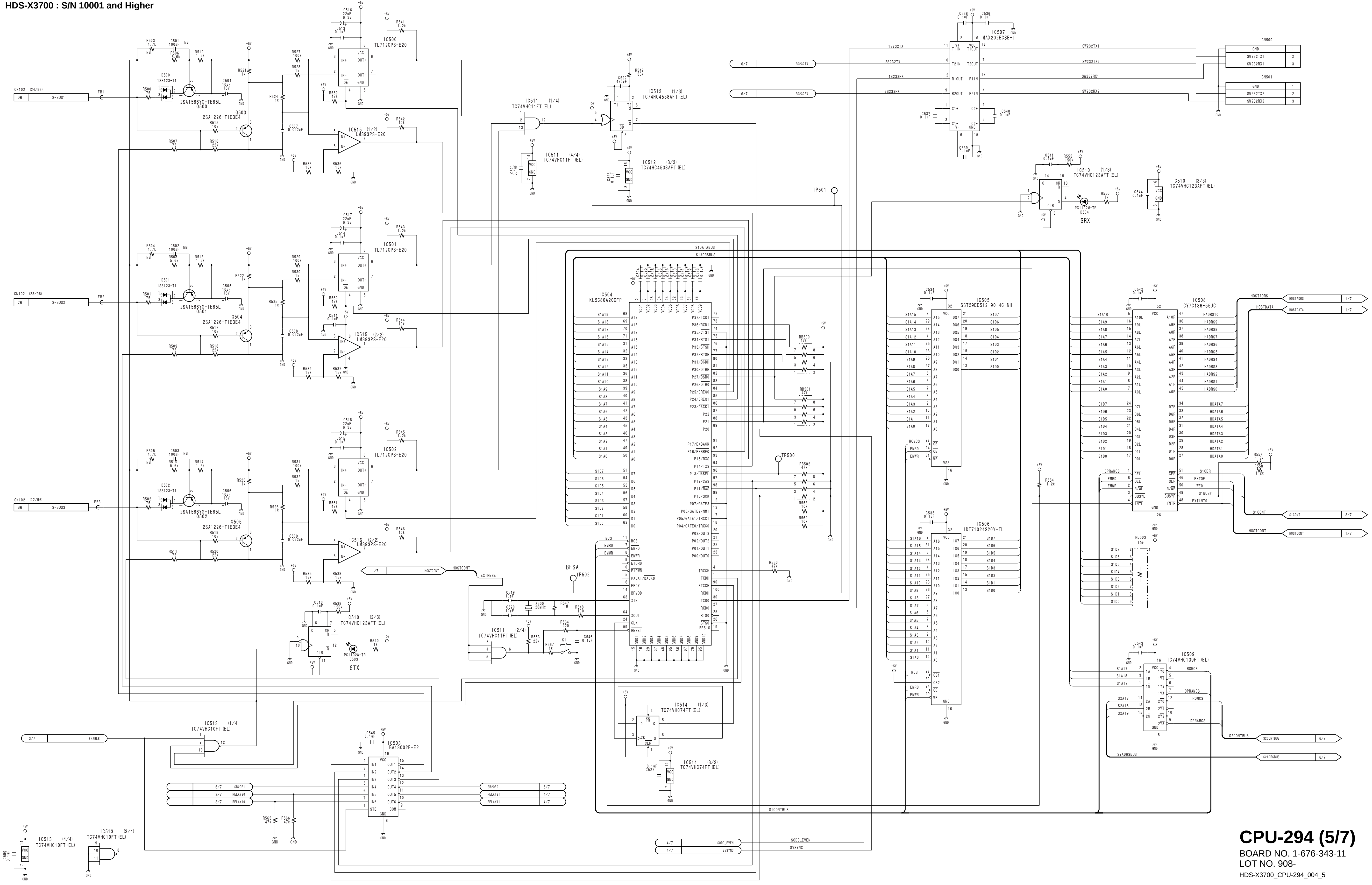
HDS-X3600 : S/N 10001 and Higher
HDS-X3700 : S/N 10001 and Higher


1
2
3
4
5
A
B
C
D
E
F
G
H
IC400
SN74LV541APWR
C401 0.1uF
R410 47k
R411 47k
EVENODD1
VD1
HD1
EVENODD2
VD2
HD2
REFEO1
REFVD1
REFHD1
REFEO2
REFVD2
REFHD2
TP400
TP401
TP402
TP403
TP404
TP405
TP406
IC402 (1/3)
TC74VHC123AFT (EL)
IC402 (2/3)
TC74VHC123AFT (EL)
IC402 (3/3)
TC74VHC123AFT (EL)
C404 0.1uF
C405 0.1uF
R400 10k
R401 10k
C410 0.1uF
REFHDET1
REFHDET2
REF1BUS
REF2BUS
IC401
EPM7160STC100-10
R405 10k
C407 0.1uF
C409 0.1uF
C402 0.1uF
C412 0.1uF
C413 0.1uF
C403 0.1uF
C408 0.1uF
C411 0.1uF
HOSTDATA
HOSTADRS
HOSTCONT
CS10
SVSYNC
SODD_EVEN
IC407 (1/5)
TC74VHC125FT (EL)
IC407 (5/5)
TC74VHC125FT (EL)
IC407 (4/5)
TC74VHC125FT (EL)
C400 0.1uF
CN400
TCK
GND
TDO
+5V
TMS
TDI
R402 10k
R403 10k
R404 10k
C406 0.1uF
RY401
RY402
D401 1SS123-T1
D402 1SS123-T1
RELAYA-1
RELAYB-1
RELAYA-2
RELAYB-2
RELAY11
RELAY21
IC403
SN74LV541APWR
C420 0.1uF
RB400
RB401
ECS1
ECS2
ECS3
ECS4
ECS5
ECS6
ECS7
ECS8
MGATE
CS1
CS2
CS3
CS4
CS5
CS6
CS7
CS8
IC404 (1/3)
TC74VHC123AFT (EL)
IC404 (2/3)
TC74VHC123AFT (EL)
IC404 (3/3)
TC74VHC123AFT (EL)
IC405 (1/3)
TC74VHC123AFT (EL)
IC405 (2/3)
TC74VHC123AFT (EL)
IC405 (3/3)
TC74VHC123AFT (EL)
R406 100k
R407 100k
R408 100k
R409 100k
C414 0.1uF
C415 100pF
C416 100pF
C417 0.1uF
C418 10pF
C419 10pF
IC406
SN74LV541APWR
C421 0.1uF
RB402
RB403
CONF
CONF1
CONF2
LEDR
LEDG
R-LED
G-LED
EXTRESET
EXTWR
EXTOE
RESET
WR
RD
NC
(RSV6)
(RSV5)
(RSV7)
GND
CN102
CN101

CPU-294 (4/7)
BOARD NO. 1-676-343-11
LOT NO. 908-
HDS-X3700_CPU-294_004_4

4-20

HDS-X3600 : S/N 10001 and Higher
HDS-X3700 : S/N 10001 and Higher



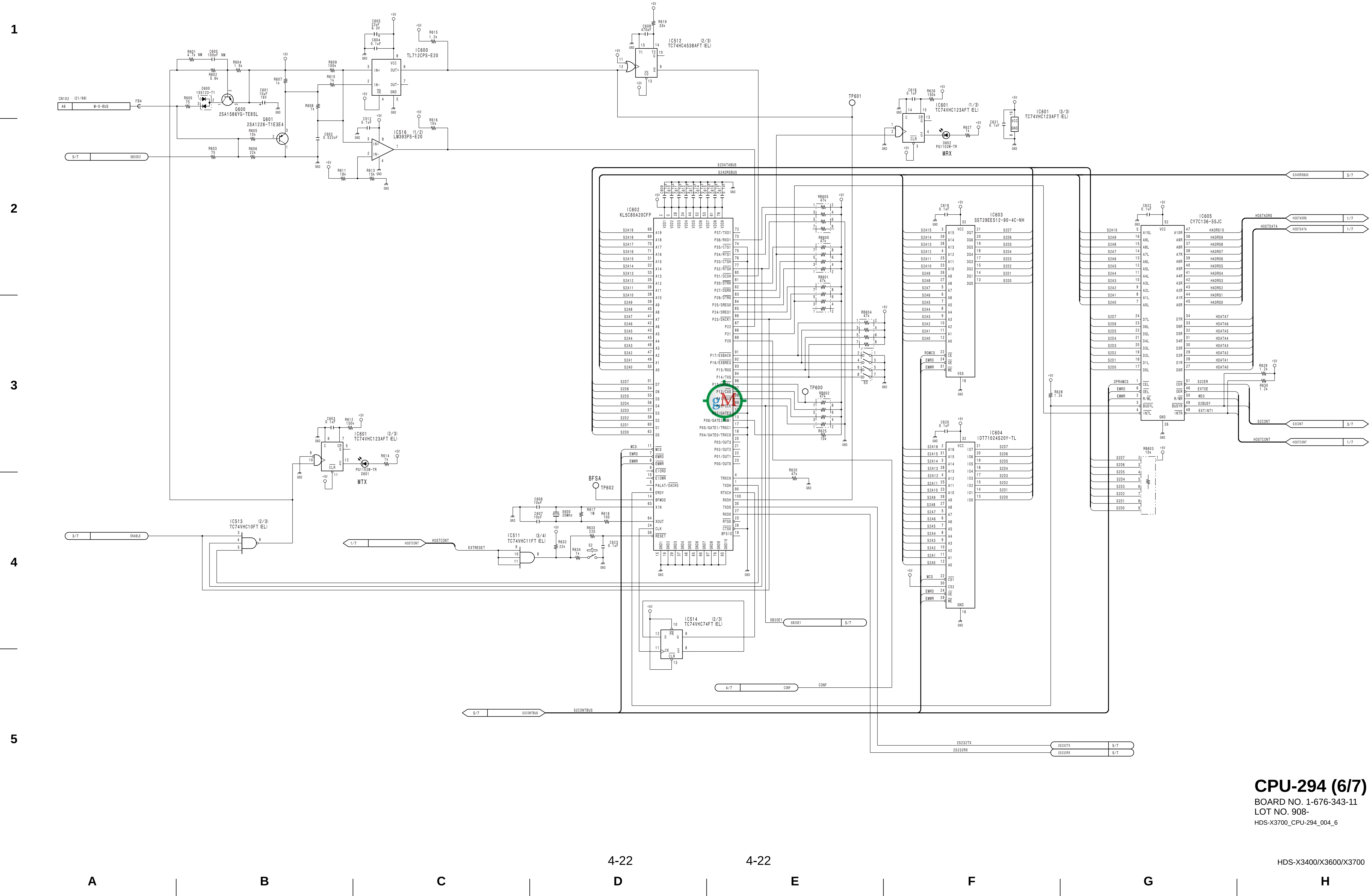
CN102 (24/96) D6 S-BUS1
CN102 (23/96) C6 S-BUS2
CN102 (22/96) B6 S-BUS3
FB1
FB2
FB3
D500 1SS123-T1
D501 1SS123-T1
D502 1SS123-T1
2SA1586YG-TE85L Q500
2SA1586YG-TE85L Q501
2SA1586YG-TE85L Q502
Q503 2SA1226-T1E3E4
Q504 2SA1226-T1E3E4
Q505 2SA1226-T1E3E4
IC500 TL712CPS-E20
IC501 TL712CPS-E20
IC502 TL712CPS-E20
IC515 (1/2) LM393PS-E20
IC515 (2/2) LM393PS-E20
IC516 (2/2) LM393PS-E20
IC511 (1/4) TC74VHC11FT (EL)
IC511 (2/4) TC74VHC11FT (EL)
IC511 (4/4) TC74VHC11FT (EL)
IC512 (1/3) TC74HC4538AFT (EL)
IC512 (3/3) TC74HC4538AFT (EL)
IC507 MAX202ECSE-T
1S232TX
2S232TX
1S232RX
2S232RX
SW232TX1
SW232TX2
SW232RX1
SW232RX2
CN500
CN501
GND
6/7 2S232TX
6/7 2S232RX
IC510 (1/3) TC74VHC123AFT (EL)
IC510 (2/3) TC74VHC123AFT (EL)
IC510 (3/3) TC74VHC123AFT (EL)
PG1102W-TR D504
SRX
PG1102W-TR D503
STX
TP501
TP500
TP502
BFSA
S1DATABUS
S1ADRSBUS
IC504 KL5C80A20CFP
IC505 SST29EE512-90-4C-NH
IC506 IDT71024S20Y-TL
IC508 CY7C136-55JC
IC509 TC74VHC139FT (EL)
RB500 47k
RB501 47k
RB502 47k
RB503 10k
X500 20MHz
S1
IC514 (1/3) TC74VHC74FT (EL)
IC514 (3/3) TC74VHC74FT (EL)
IC513 (1/4) TC74VHC10FT (EL)
IC513 (3/4) TC74VHC10FT (EL)
IC513 (4/4) TC74VHC10FT (EL)
IC503 BA13002F-E2
3/7 ENABLE
1/7 HOSTCONT
EXTRESET
6/7 SB02E1
3/7 RELAY20
3/7 RELAY10
SB02E2 6/7
RELAY21 4/7
RELAY11 4/7
4/7 SODD_EVEN
4/7 SVSYNC
S1CONTBUS
HOSTADRS 1/7
HOSTDATA 1/7
S1CONT 3/7
HOSTCONT 1/7
S2CONTBUS 6/7
S2ADRSBUS 6/7
ROMCS
DPRAMCS
EWRD
EWWR
MCS
+5V
1
2
3
4
5
A
B
C
D
E
F
G
H

CPU-294 (5/7)

BOARD NO. 1-676-343-11
LOT NO. 908-
HDS-X3700_CPU-294_004_5

CPU-294 (6/7)

HDS-X3600 : S/N 10001 and Higher
HDS-X3700 : S/N 10001 and Higher


1
2
3
4
5
CN102 (21/98)
W-S-BUS
FB4
SB2OE2
ENABLE
IC600 TL712CPS-E20
IC516 (1/2) LM393PS-E20
IC512 (2/3) TC74HC4538AFT (EL)
Q600 2SA1586YG-TE85L
Q601 2SA1226-T1E3E4
D600 1SS123-T1
TP601
IC601 (1/3) TC74VHC123AFT (EL)
IC601 (3/3) TC74VHC123AFT (EL)
D602 PG1102W-TR
MRX
S2DATABUS
S2ADRSBUS
IC602 KL5C80A20CFP
IC603 SST29EE512-90-4C-NH
IC605 CY7C136-55JC
IC604 IDT71024S20Y-TL
HOSTADRS
HOSTDATA
S2CONT
HOSTCONT
IC601 (2/3) TC74VHC123AFT (EL)
D601 PG1102W-TR
MTX
TP600
BFSA
TP602
X600 20MHz
IC513 (2/3) TC74VHC10FT (EL)
IC511 (3/4) TC74VHC11FT (EL)
EXTRESET
IC514 (2/3) TC74VHC74FT (EL)
SB2OE1
CONF
S2CONTBUS
2S232TX
2S232RX
A
B
C
D
E
F
G
H

CPU-294 (6/7)
BOARD NO. 1-676-343-11
LOT NO. 908-
HDS-X3700_CPU-294_004_6

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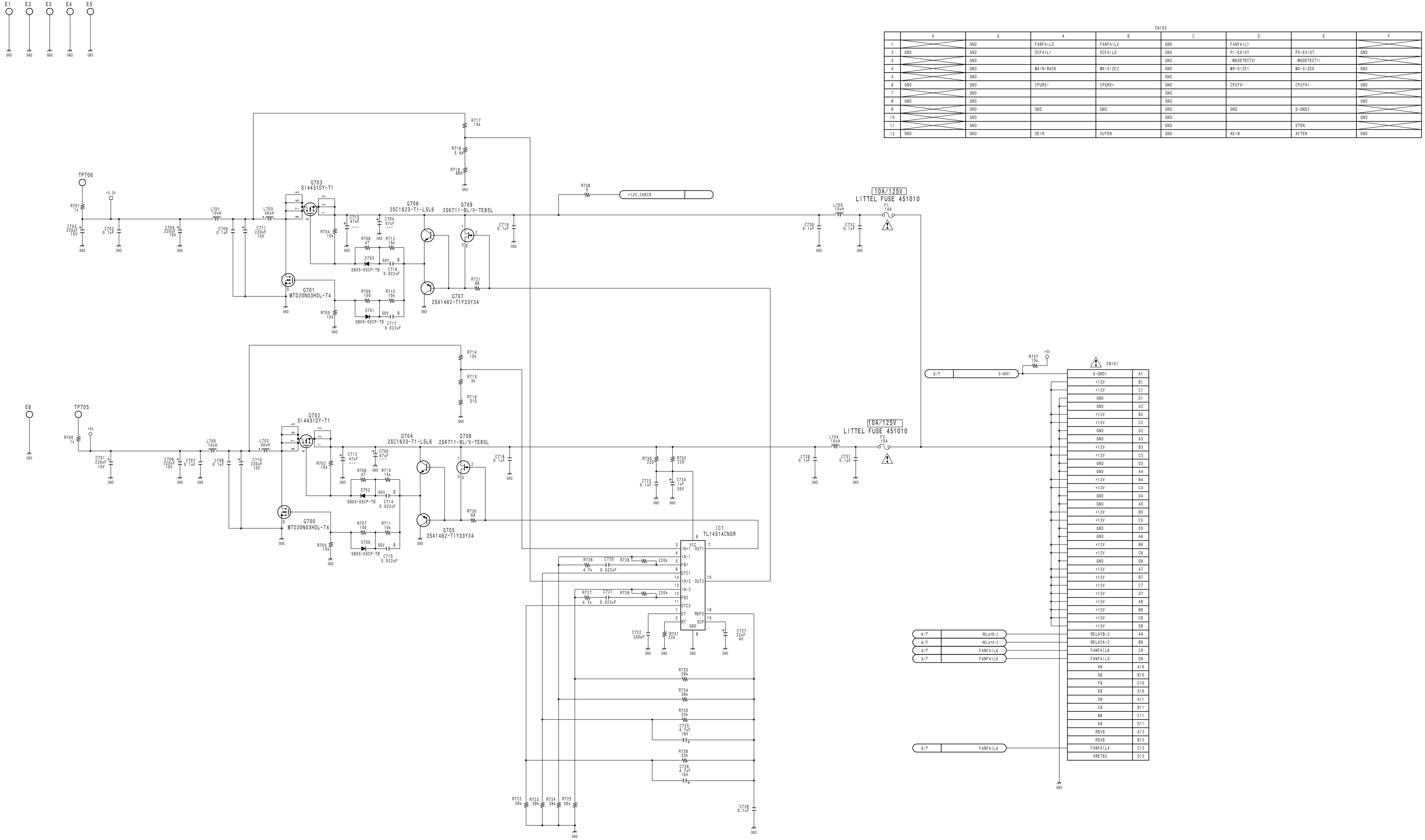
CPU-294 (7/7)

CPU-294 (7/7)

HDS-X3600 : S/N 10001 and Higher
HDS-X3700 : S/N 10001 and Higher


E1
E2
E3
E4
E5
E6
GND
TP706
TP705
+3.3V
+5V
R701 1k
R700 1k
C703 220uF 10V
C702 0.1uF
C705 220uF 10V
C701 220uF 10V
C706 220uF 10V
C707 0.1uF
L701 10uH
L700 10uH
C709 0.1uF
C708 0.1uF
L703 40uH
L702 40uH
C711 220uF 10V
C710 220uF 10V
Q703 SI4431DY-T1
Q702 SI4431DY-T1
C713 47uF ---
C704 47uF ---
C712 47uF ---
C700 47uF ---
R704 10k
R702 10k
R708 47
R712 15k
R706 47
R710 15k
D703 SB05-05CP-TB
D702 SB05-05CP-TB
D701 SB05-05CP-TB
D700 SB05-05CP-TB
C716 0.022uF
C714 0.022uF
C717 0.022uF
C715 0.022uF
50V
B
Q701 MTD20N03HDL-T4
Q700 MTD20N03HDL-T4
R709 100
R713 10k
R707 100
R711 10k
R705 10k
R703 10k
Q706 2SC1623-T1-L5L6
Q704 2SC1623-T1-L5L6
Q709 2SK711-BL/V-TE85L
Q708 2SK711-BL/V-TE85L
Q707 2SA1462-T1Y33Y34
Q705 2SA1462-T1Y33Y34
R721 68
R720 68
R717 10k
R718 5.6k
R719 680
R714 10k
R715 3k
R716 510
C719 0.1uF
C718 0.1uF
R738 0
+12V_CHECK
L705 10uH
L704 10uH
C730 0.1uF
C732 0.1uF
C729 0.1uF
C731 0.1uF
10A/125V
LITTEL FUSE 451010
F1 10A
F2 10A
R730 220
R732 220
C723 0.1uF
C724 1uF 35V
IC1 TL1451ACNSR
VCC
IN+1
IN-1
FB1
DTC1
IN+2
IN-2
FB2
DTC2
CT
RT
GND
OUT1
OUT2
REF0
SCP
R726 4.7k
C720 0.022uF
R728 220k
R727 4.7k
C721 0.022uF
R729 220k
C722 330pF
R731 22k
C727 22uF 4V
R733 39k
R734 39k
R735 33k
C725 4.7uF 16V
R736 33k
C726 4.7uF 16V
R722 39k
R723 39k
R724 39k
R725 39k
C728 0.1uF
R737 10k
3/7
4/7
S-GND1
RELAYB-2
RELAYA-2
FANFAIL6
FANFAIL5
FANFAIL4
CN101
S-GND1 A1
+12V B1
+12V C1
GND D1
GND A2
+12V B2
+12V C2
GND D2
GND A3
+12V B3
+12V C3
GND D3
GND A4
+12V B4
+12V C4
GND D4
GND A5
+12V B5
+12V C5
GND D5
GND A6
+12V B6
+12V C6
GND D6
+12V A7
+12V B7
+12V C7
+12V D7
+12V A8
+12V B8
+12V C8
+12V D8
RELAYB-2 A9
RELAYA-2 B9
FANFAIL6 C9
FANFAIL5 D9
H8 A10
G8 B10
F8 C10
E8 D10
D8 A11
C8 B11
B8 C11
A8 D11
RSV9 A12
RSV8 B12
FANFAIL4 C12
VRET82 D12
1
2
3
4
5
A
B
C
D
E
F
G
H

CN103

	H	G	A	B	C	D	E	F
1	☒	GND	FANFAIL3	FANFAIL2	GND	FANFAIL1		☒
2	GND	GND	DCFAIL1	DCFAIL0	GND	P1-EXIST	P0-EXIST	GND
3	☒	GND			GND	(WSDETECT2)	(WSDETECT1)	☒
4	☒	GND	MAIN-BACK	MX-SIZE2	GND	MX-SIZE1	MX-SIZE0	GND
5	☒	GND			GND			☒
6	GND	GND	CPURX-	CPURX+	GND	CPUTX-	CPUTX+	GND
7	☒	GND			GND			☒
8	GND	GND			GND			GND
9	☒	GND	GND	GND	GND	GND	S-GND2	☒
10	☒	GND			GND			GND
11	☒	GND			GND		DTEN	☒
12	GND	GND	OEIN	OUTEN	GND	AEIN	ACTEN	GND

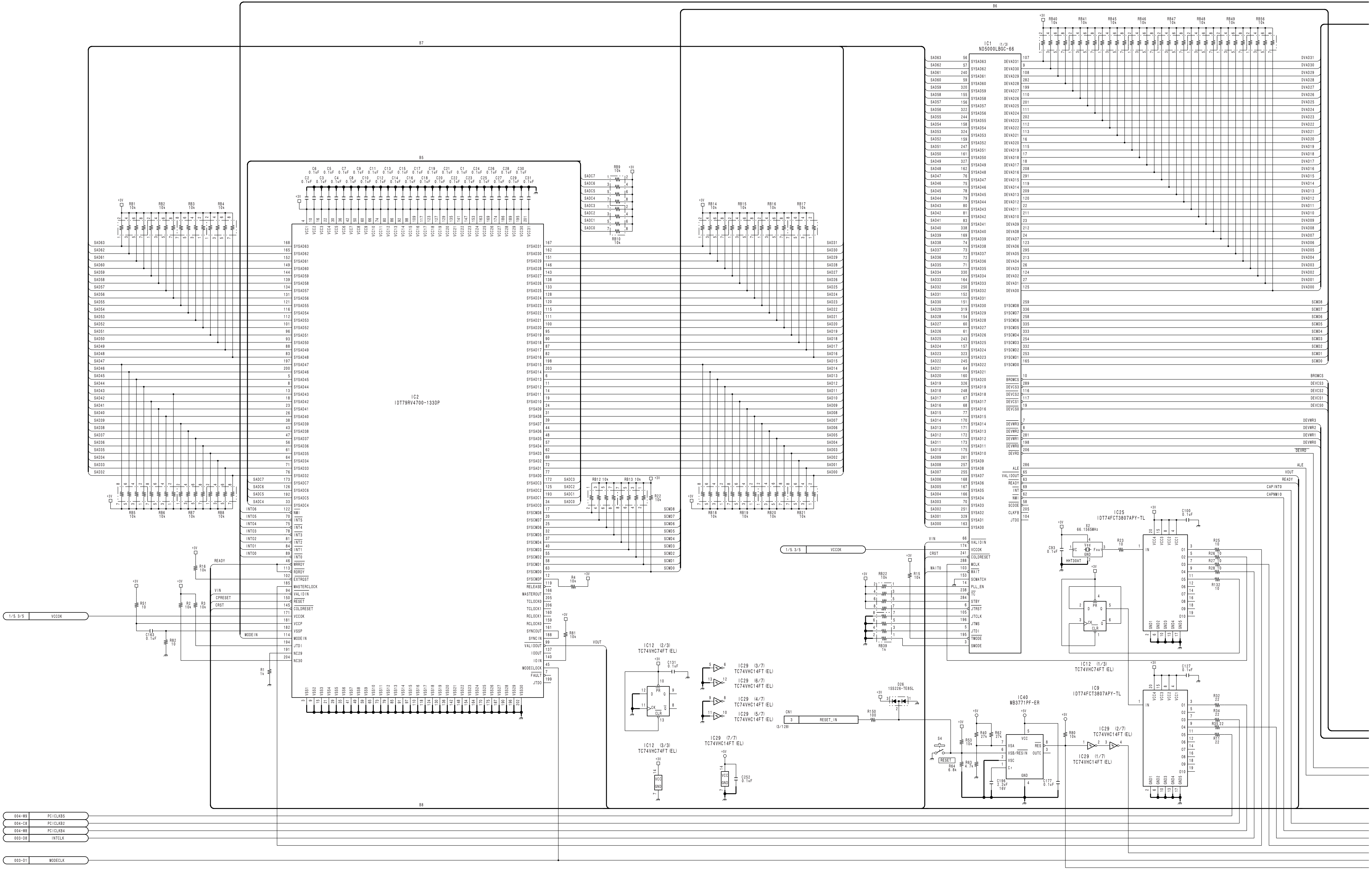
CPU-294 (7/7)

BOARD NO. 1-676-343-11
LOT NO. 908-
HDS-X3700_CPU-294_004_7

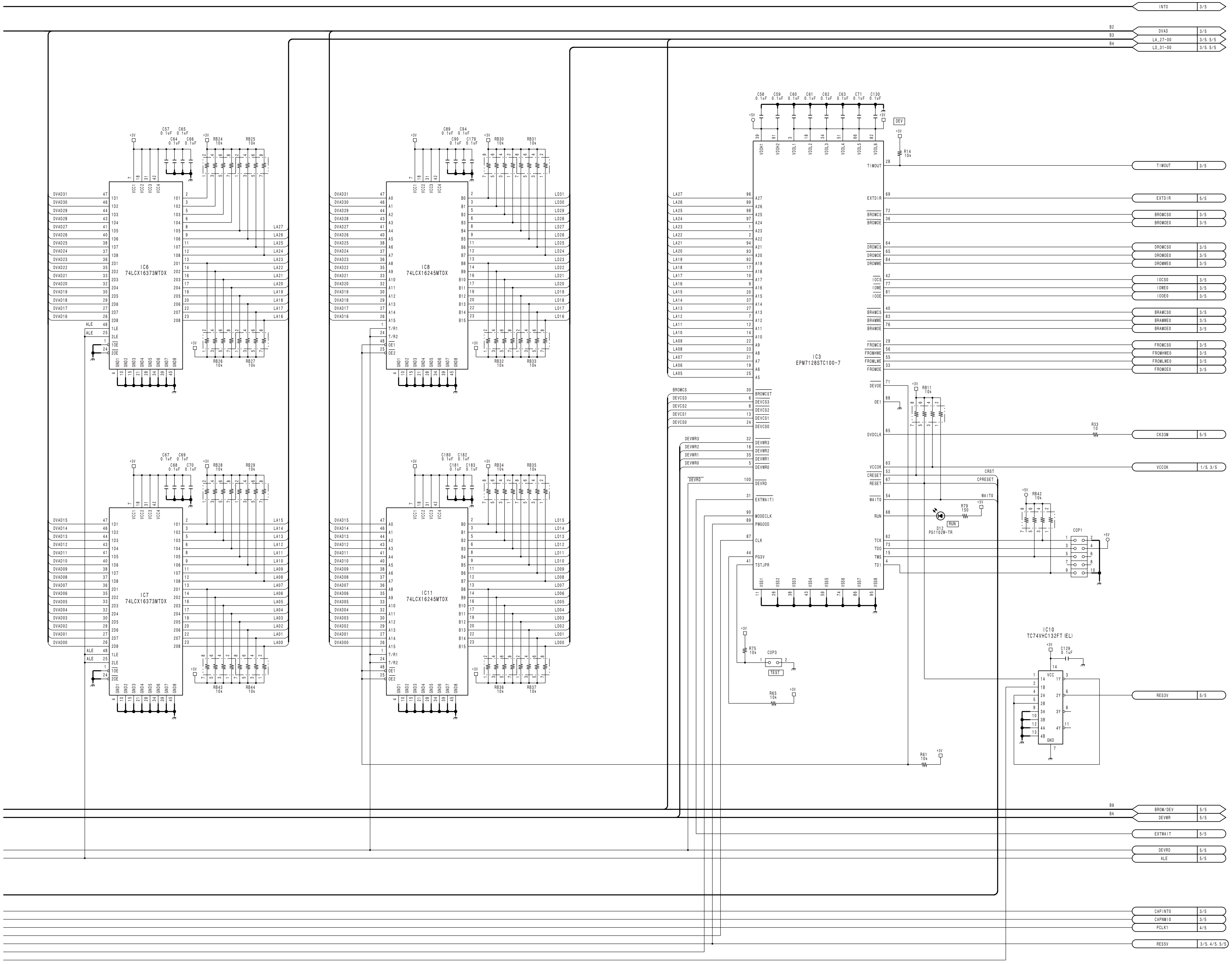
CPU-317 (1/5)

CPU-317 (1/5)

HDS-X3400 : S/N 10001 and Higher
HDS-X3600 : S/N 10001 and Higher
HDS-X3700 : S/N 10001 and Higher


IC2
IDT79RV4700-133DP
IC1 (1/3)
ND5000LBGC-66
IC25
IDT74FCT3807APY-TL
IC9
IDT74FCT3807APY-TL
IC40
MB3771PF-ER
IC12 (1/3) TC74VHC74FT (EL)
IC12 (2/3) TC74VHC74FT (EL)
IC12 (3/3) TC74VHC74FT (EL)
IC29 (1/7) TC74VHC14FT (EL)
IC29 (2/7) TC74VHC14FT (EL)
IC29 (3/7) TC74VHC14FT (EL)
IC29 (4/7) TC74VHC14FT (EL)
IC29 (5/7) TC74VHC14FT (EL)
IC29 (6/7) TC74VHC14FT (EL)
IC29 (7/7) TC74VHC14FT (EL)
X2 66.1565MHz
HHT30AT
D26 1SS226-TE85L
S4
RESET
CN1
RESET_IN
(3/128)
1/5 3/5 VCCOK
004-B9 PCICLKB5
004-C8 PCICLKB2
004-B8 PCICLKB4
003-D8 INTCLK
003-D1 MODECLK
B1
B5
B6
B7
B8
SYSAD63 … SYSAD0
SYSCMD8 … SYSCMD0
DEVAD31 … DEVAD0
DVAD31 … DVAD00
SCMD8 … SCMD0
DEVCS3 DEVCS2 DEVCS1 DEVCS0
DEVWR3 DEVWR2 DEVWR1 DEVWR0
DEVRD
BROMCS
ALE
VOUT
READY
CAPINT0
CAPNMI0
INT0 … INT6
NMI
VIN
CRST
CPRESET
MODEIN
WAIT0
VCCOK
1
2
3
4
5
A
B
C
D
E
F
G
H

CPU-317 (1/5)


IC6
74LCX16373MTDX
IC7
74LCX16373MTDX
IC8
74LCX16245MTDX
IC11
74LCX16245MTDX
IC3
EPM7128STC100-7
IC10
TC74VHC132FT(EL)
D12
PG1102W-TR
RUN
DEV
TEST
CN1
CN3
INTO 3/5
DVAD 3/5
LA_27-00 3/5,5/5
LD_31-00 3/5,5/5
TIMOUT 3/5
EXTDIR 5/5
BROMCS0 3/5
BROMOE0 3/5
DROMCS0 3/5
DROMOE0 3/5
DROMWE0 3/5
ICCS0 3/5
ICWE0 3/5
ICOE0 3/5
BRAMCS0 3/5
BRAMWE0 3/5
BRAMOE0 3/5
FROMCS0 3/5
FROMHWE0 3/5
FROMLWE0 3/5
FROMOE0 3/5
CK33M 5/5
VCCOK 1/5,3/5
RES3V 5/5
BROM/DEV 5/5
DEVWR 5/5
EXTWAIT 5/5
DEVRD 5/5
ALE 5/5
CAPINT0 3/5
CAPNMI0 3/5
PCLK1 4/5
RES5V 3/5,4/5,5/5
1
2
3
4
5
I
J
K
L
M
N
O
P

CPU-317 (1/5)

BOARD NO. 1-675-922-11
LOT NO. 908-
HDS-X3700_CPU-317_002_1

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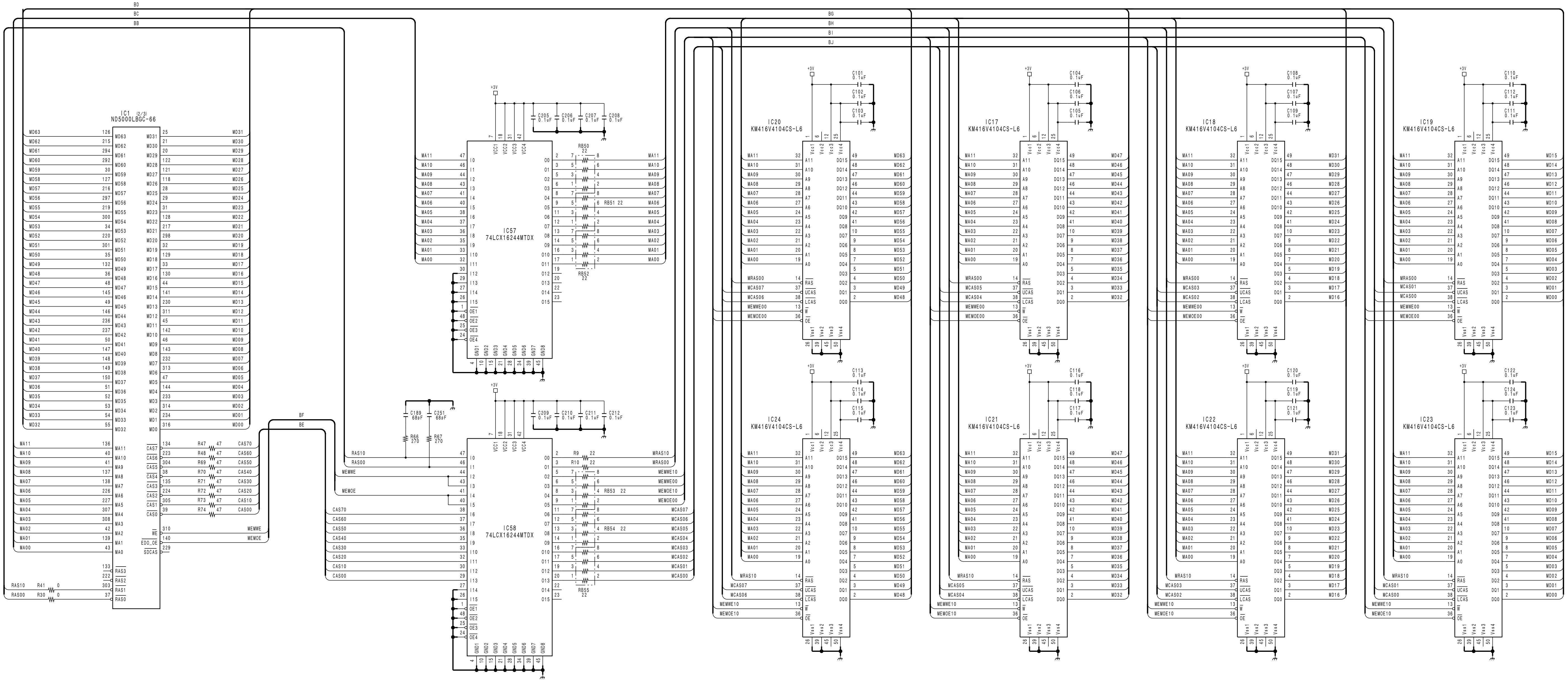
HDS-X3400 : S/N 10001 and Higher
HDS-X3600 : S/N 10001 and Higher
HDS-X3700 : S/N 10001 and Higher


IC1 (2/3) ND5000LBGG-66
IC57 74LCX16244MTDX
IC58 74LCX16244MTDX
IC20 KM416V4104CS-L6
IC17 KM416V4104CS-L6
IC18 KM416V4104CS-L6
IC19 KM416V4104CS-L6
IC24 KM416V4104CS-L6
IC21 KM416V4104CS-L6
IC22 KM416V4104CS-L6
IC23 KM416V4104CS-L6
RB50 22
RB51 22
RB52 22
RB53 22
RB54 22
RB55 22
R9 22
R10 22
R47 47
R48 47
R69 47
R70 47
R71 47
R72 47
R73 47
R74 47
R41 0
R30 0
R66 270
R67 270
C189 68pF
C251 68pF
C101 0.1uF
C102 0.1uF
C103 0.1uF
C104 0.1uF
C105 0.1uF
C106 0.1uF
C107 0.1uF
C108 0.1uF
C109 0.1uF
C110 0.1uF
C111 0.1uF
C112 0.1uF
C113 0.1uF
C114 0.1uF
C115 0.1uF
C116 0.1uF
C117 0.1uF
C118 0.1uF
C119 0.1uF
C120 0.1uF
C121 0.1uF
C122 0.1uF
C123 0.1uF
C124 0.1uF
C205 0.1uF
C206 0.1uF
C207 0.1uF
C208 0.1uF
C209 0.1uF
C210 0.1uF
C211 0.1uF
C212 0.1uF
+3V
BB
BC
BD
BE
BF
BG
BH
BI
BJ
MEMWE
MEMOE
RAS10
RAS00
MRAS10
MRAS00
MEMWE10
MEMWE00
MEMOE10
MEMOE00
CAS70
CAS60
CAS50
CAS40
CAS30
CAS20
CAS10
CAS00
MCAS07
MCAS06
MCAS05
MCAS04
MCAS03
MCAS02
MCAS01
MCAS00
MA00–MA11
MD00–MD63

1
2
3
4
5
A
B
C
D
E
F
G
H

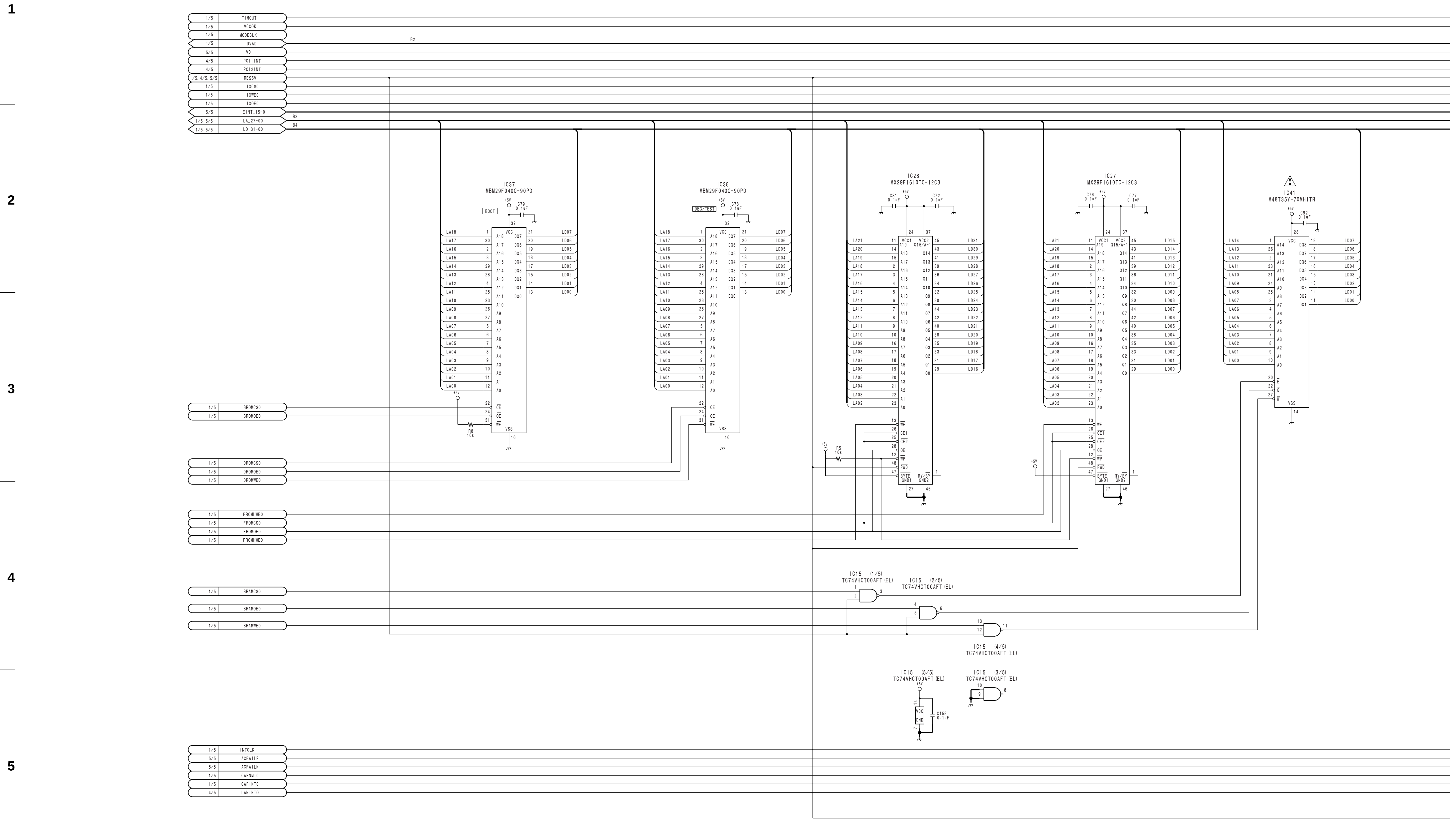
CPU-317 (2/5)

BOARD NO. 1-675-922-11
LOT NO. 908-
HDS-X3700_CPU-317_002_2

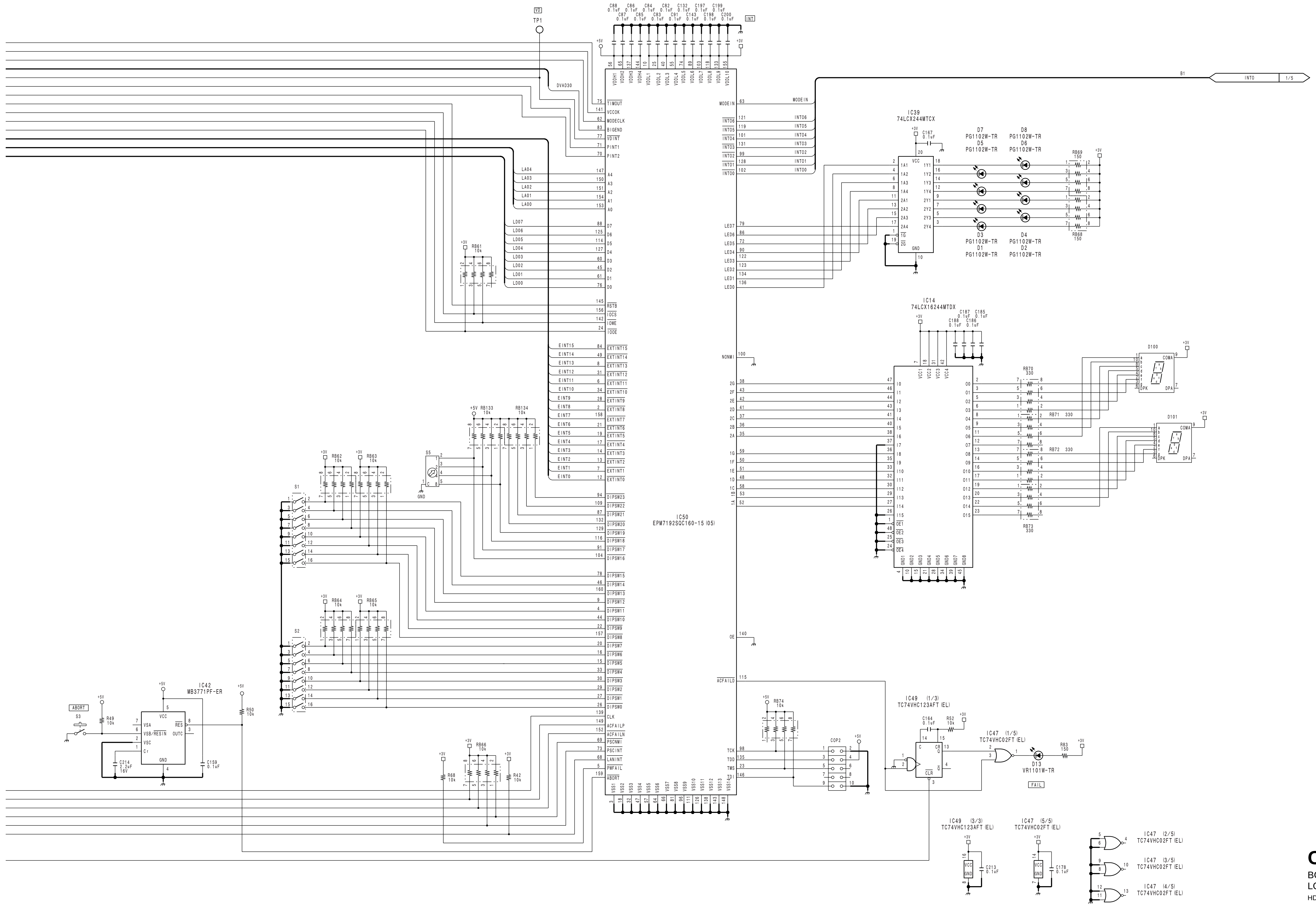
CPU-317 (3/5)

CPU-317 (3/5)

HDS-X3400 : S/N 10001 and Higher
HDS-X3600 : S/N 10001 and Higher
HDS-X3700 : S/N 10001 and Higher


1
2
3
4
5
TIMOUT
VCCOK
MODECLK
DVAD
VD
PCI1INT
PCI2INT
RES5V
IOCS0
IOWE0
IOOE0
EINT_15-0
LA_27-00
LD_31-00
B2
B3
B4
IC37
MBM29F040C-90PD
BOOT
IC38
MBM29F040C-90PD
DBG/TEST
IC26
MX29F1610TC-12C3
IC27
MX29F1610TC-12C3
IC41
M48T35Y-70MH1TR
BROMCS0
BROMOE0
DROMCS0
DROMOE0
DROMWE0
FROMLWE0
FROMCS0
FROMOE0
FROMHWE0
BRAMCS0
BRAMOE0
BRAMWE0
R8 10k
R5 10k
C79 0.1uF
C78 0.1uF
C81 0.1uF
C72 0.1uF
C76 0.1uF
C77 0.1uF
C92 0.1uF
C158 0.1uF
IC15 (1/5) TC74VHCT00AFT (EL)
IC15 (2/5) TC74VHCT00AFT (EL)
IC15 (3/5) TC74VHCT00AFT (EL)
IC15 (4/5) TC74VHCT00AFT (EL)
IC15 (5/5) TC74VHCT00AFT (EL)
+5V
INTCLK
ACFAILP
ACFAILN
CAPNMI0
CAPINT0
LANINT0
A
B
C
D
E
F
G
H

4-28


VD
TP1
INT
B1
INT0 1/5
DVAD30
IC50
EPM7192SQC160-15 (05)
IC39
74LCX244MTCX
IC14
74LCX16244MTDX
D7 PG1102W-TR
D8 PG1102W-TR
D5 PG1102W-TR
D6 PG1102W-TR
D3 PG1102W-TR
D4 PG1102W-TR
D1 PG1102W-TR
D2 PG1102W-TR
RB69 150
RB68 150
D100
D101
RB70 330
RB71 330
RB72 330
RB73 330
RB61 10k
RB133 10k
RB134 10k
RB62 10k
RB63 10k
RB64 10k
RB65 10k
RB66 10k
RB74 10k
S1
S2
S3
S5
ABORT
IC42
MB3771PF-ER
R49 10k
R50 10k
C214 2.2uF 16V
C159 0.1uF
R68 10k
R42 10k
COP2
IC49 (1/3)
TC74VHC123AFT (EL)
IC47 (1/5)
TC74VHC02FT (EL)
D13
VR1101W-TR
R63 150
FAIL
IC49 (3/3)
TC74VHC123AFT (EL)
IC47 (5/5)
TC74VHC02FT (EL)
IC47 (2/5)
TC74VHC02FT (EL)
IC47 (3/5)
TC74VHC02FT (EL)
IC47 (4/5)
TC74VHC02FT (EL)
C213 0.1uF
C178 0.1uF
+3V
+5V
GND

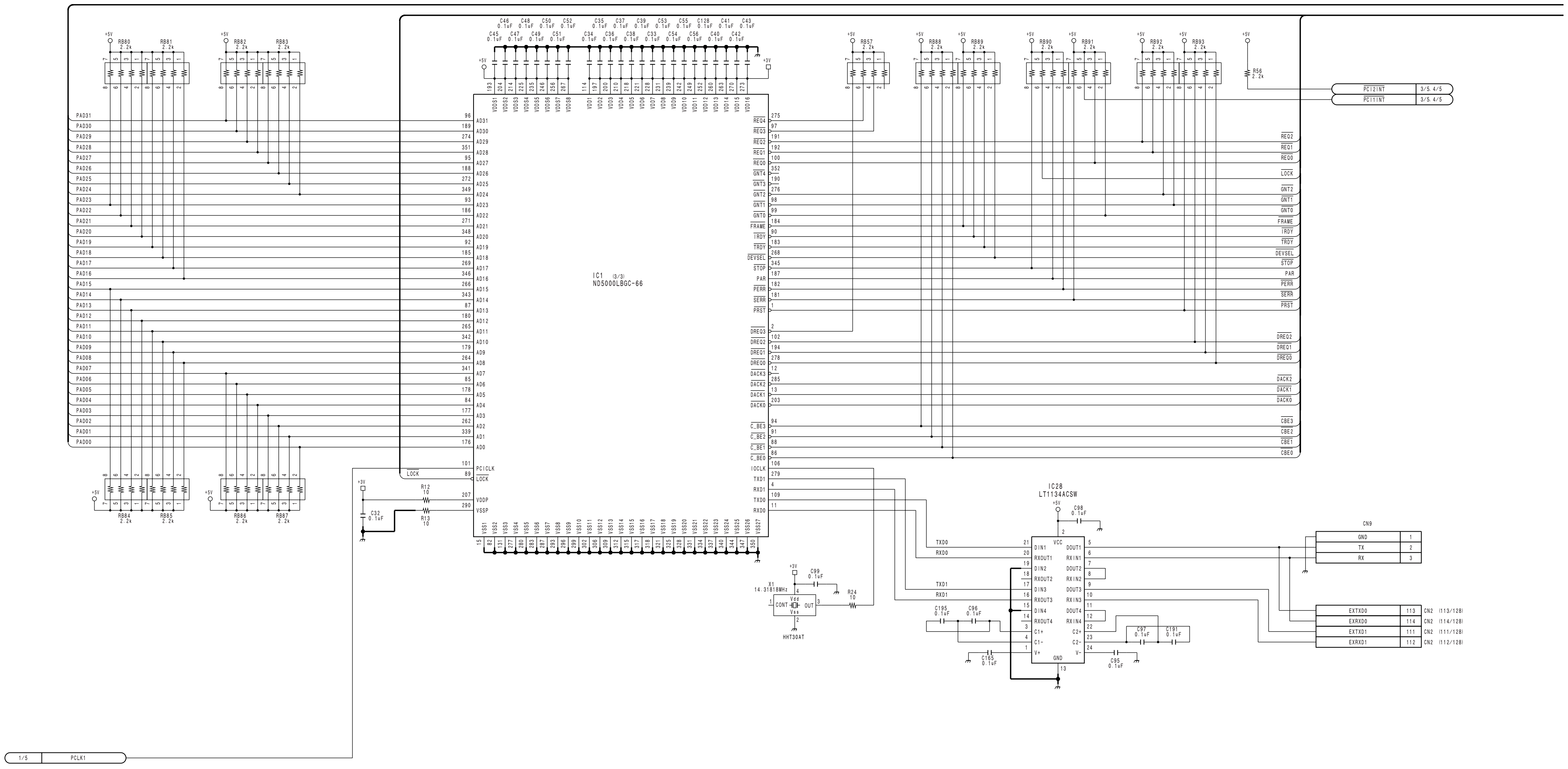
CPU-317 (3/5)

BOARD NO. 1-675-922-11
LOT NO. 908-
HDS-X3700_CPU-317_002_3

CPU-317 (4/5)

CPU-317 (4/5)

HDS-X3400 : S/N 10001 and Higher
HDS-X3600 : S/N 10001 and Higher
HDS-X3700 : S/N 10001 and Higher


IC1 (3/3)
ND5000LBGC-66
IC28
LT1134ACSW
CN9
GND
TX
RX
EXTXD0
EXRXD0
EXTXD1
EXRXD1
CN2
X1
14.31818MHz
HHT304T
PCI2INT
PCI1INT
3/5 4/5
PCLK1
1/5
LOCK
TXD0
RXD0
TXD1
RXD1

1

2

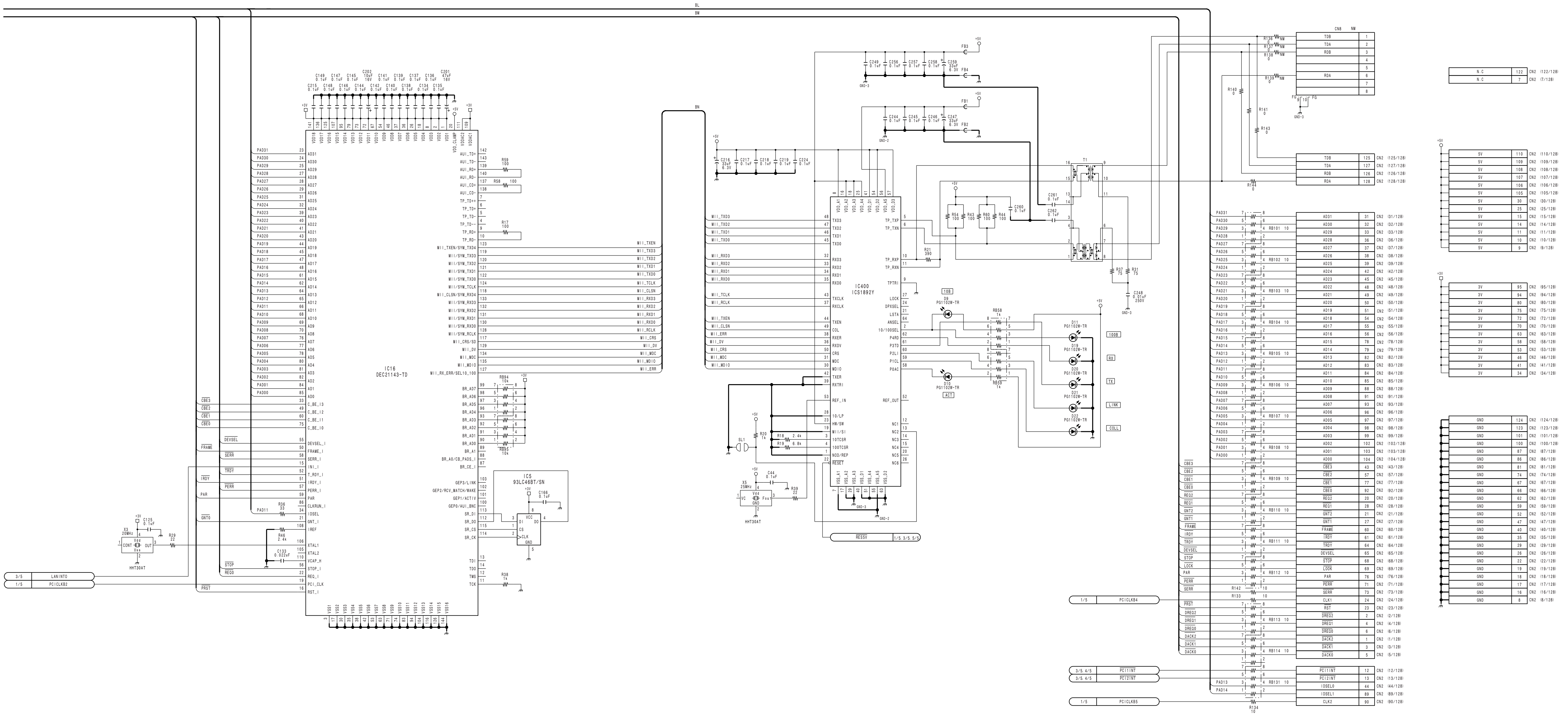
3

4

5

A B C D E F G H

CPU-317 (4/5)


IC16
DEC21143-TD
IC400
ICS1892Y
IC5
93LC46BT/SN
X3
20MHz
X5
25MHz
HHT004T
CN8 NM
CN2
RESSV
1/5.3/5.5/5
3/5 LANINTO
1/5 PCICLKB2
1/5 PCICLKB4
3/5.4/5 PCI1INT
3/5.4/5 PCI2INT
1/5 PCICLKB5
10B
RX
TX
LINK
COLL
ACT
1
2
3
4
5

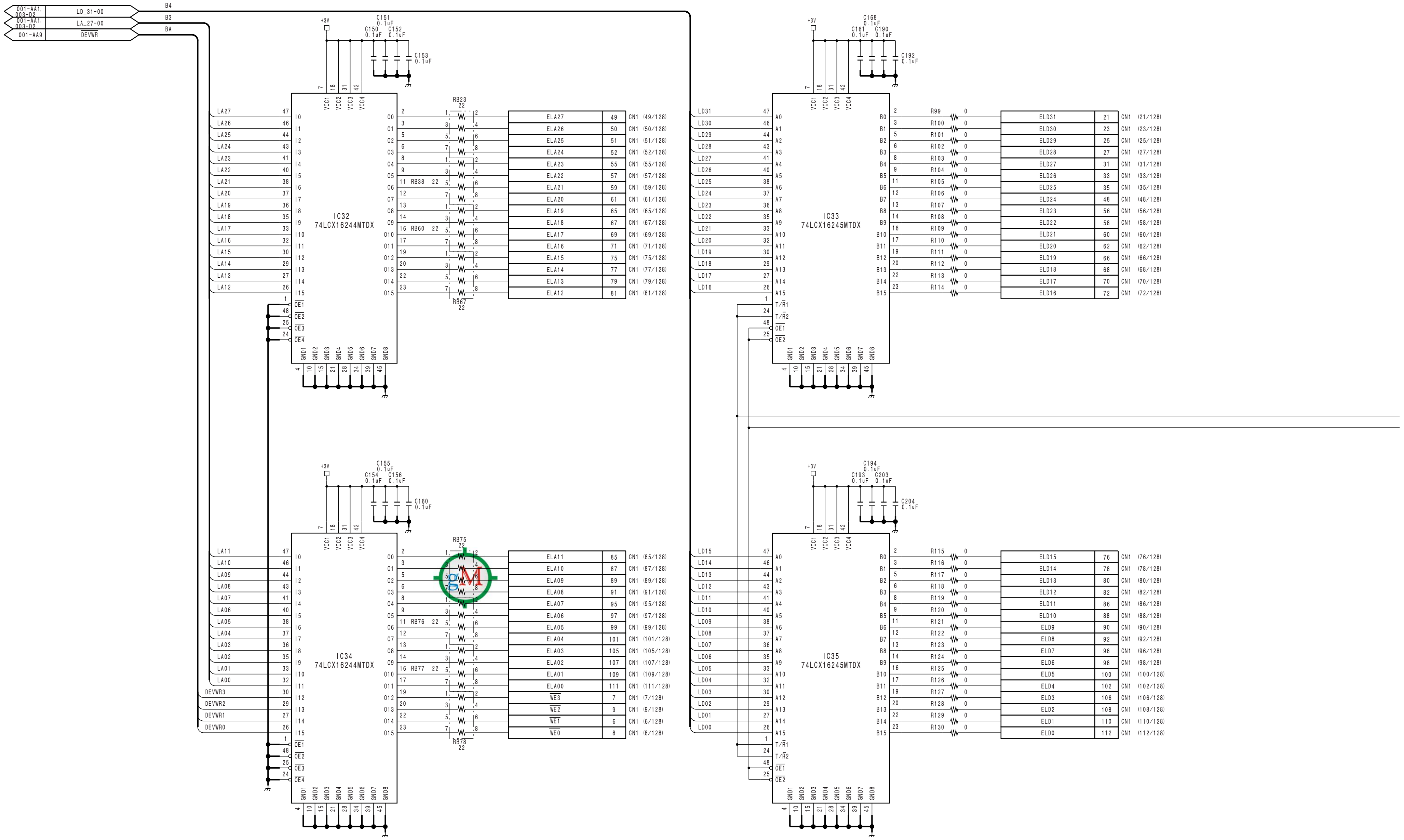
CPU-317 (4/5)

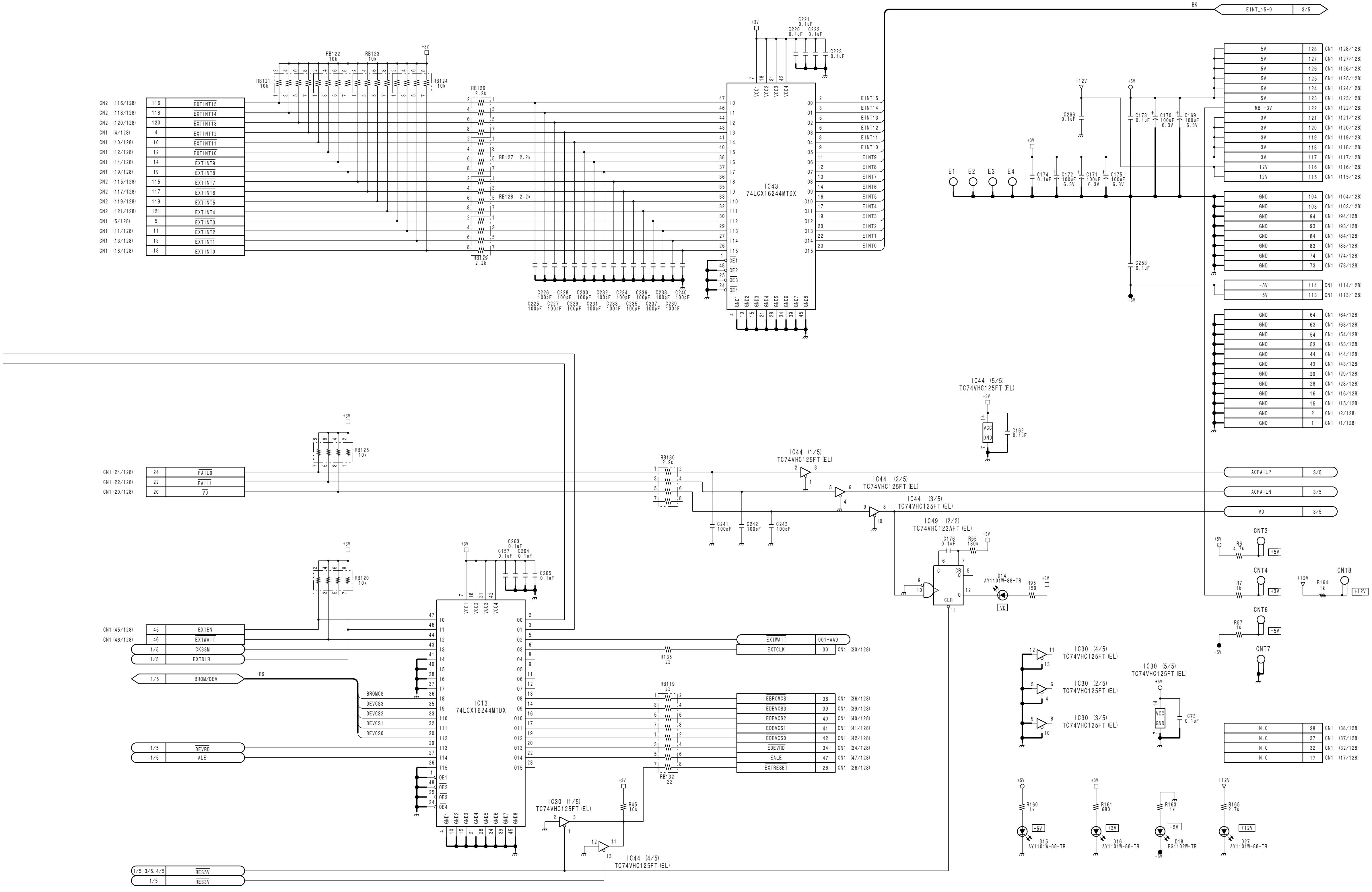
BOARD NO. 1-675-922-11
LOT NO. 908-
HDS-X3700_CPU-317_002_4

4-31

CPU-317 (5/5)

HDS-X3400 : S/N 10001 and Higher
HDS-X3600 : S/N 10001 and Higher
HDS-X3700 : S/N 10001 and Higher


LD_31-00
LA_27-00
DEVWR
B4
B3
B4
IC32
74LCX16244MTDX
IC33
74LCX16245MTDX
IC34
74LCX16244MTDX
IC35
74LCX16245MTDX
+3V
RB23
RB38
RB60
RB67
RB75
RB76
RB77
RB78
DEVWR3
DEVWR2
DEVWR1
DEVWR0


IC43
74LCX16244MTDX
IC13
74LCX16244MTDX
IC44 (1/5)
TC74VHC125FT (EL)
IC44 (2/5)
TC74VHC125FT (EL)
IC44 (3/5)
TC74VHC125FT (EL)
IC44 (4/5)
TC74VHC125FT (EL)
IC44 (5/5)
TC74VHC125FT (EL)
IC49 (2/2)
TC74VHC123AFT (EL)
IC30 (1/5)
TC74VHC125FT (EL)
IC30 (2/5)
TC74VHC125FT (EL)
IC30 (3/5)
TC74VHC125FT (EL)
IC30 (4/5)
TC74VHC125FT (EL)
IC30 (5/5)
TC74VHC125FT (EL)
EINT_15-0
3/5
BK
RB121
RB122
RB123
RB124
RB125
RB126
RB127
RB128
RB129
RB130
RB119
RB120
RB132
R135
R45
EXTINT15
EXTINT14
EXTINT13
EXTINT12
EXTINT11
EXTINT10
EXTINT9
EXTINT8
EXTINT7
EXTINT6
EXTINT5
EXTINT4
EXTINT3
EXTINT2
EXTINT1
EXTINT0
EINT15
EINT0
FAIL0
FAIL1
VD
ACFAILP
ACFAILN
EXTEN
EXTWAIT
CK33M
EXTDIR
BROM/DEV
B9
BROMCS
DEVCS3
DEVCS2
DEVCS1
DEVCS0
DEVRD
ALE
RESSV
RES3V
EXTWAIT
EXTCLK
001-AA9
EBROMCS
EDEVCS3
EDEVCS2
EDEVCS1
EDEVCS0
EDEVRD
EALE
EXTRESET
E1
E2
E3
E4
CNT3
CNT4
CNT6
CNT7
CNT8
D14
AY1101W-88-TR
D15
D16
D18
PG1102W-TR
D27
5V
MB_-3V
3V
12V
GND
-5V
N.C
+3V
+5V
+12V
-5V

CPU-317 (5/5)

BOARD NO. 1-675-922-11
LOT NO. 908-
HDS-X3700_CPU-317_002_5

HN-269

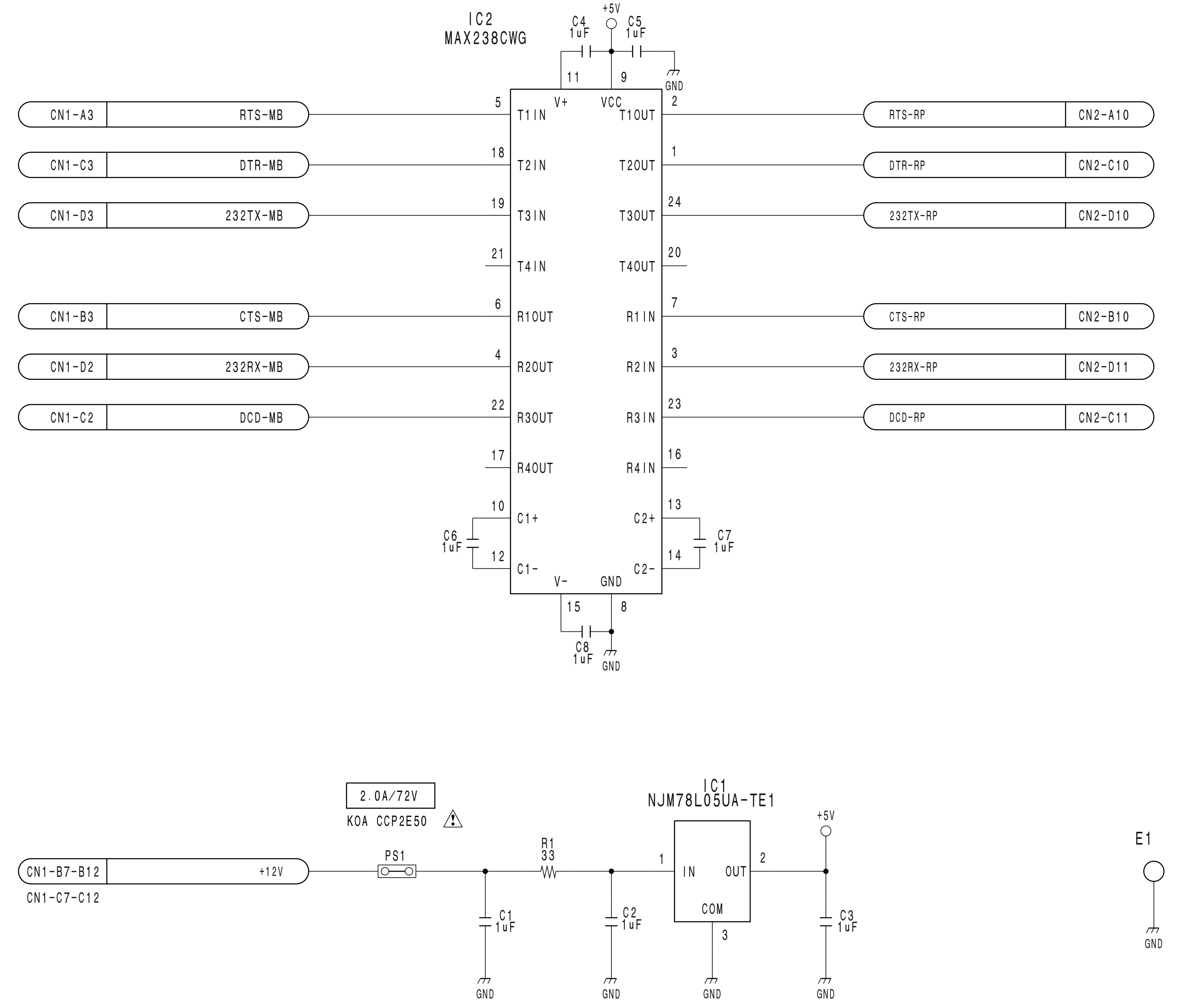
HDS-X3600 : S/N 10001 and Higher

CN1 ⚠

	A	B	C	D
1	RELAYB-1	RELAYA-1	RELAYB-2	RELAYA-2
2			DCD-MB	232RX-MB
3	RTS-MB	CTS-MB	DTR-MB	232TX-MB
4				
5	422RX2-	422TX2-	422RX1-	422TX1-
6	422RX2+	422TX2+	422RX1+	422TX1+
7	GND	+12V	+12V	GND
8	GND	+12V	+12V	GND
9	GND	+12V	+12V	GND
10	GND	+12V	+12V	GND
11	GND	+12V	+12V	GND
12	GND	+12V	+12V	GND

CN2

	A	B	C	D
1	GND			GND
2	GND			GND
3	GND			GND
4	GND			GND
5	GND			GND
6	GND			GND
7	422RX2+	422TX2+	422RX1+	422TX1+
8	422RX2-	422TX2-	422RX1-	422TX1-
9				
10	RTS-RP	CTS-RP	DTR-RP	232TX-RP
11			DCD-RP	232RX-RP
12	RELAYB-1	RELAYA-1	RELAYB-2	RELAYA-2

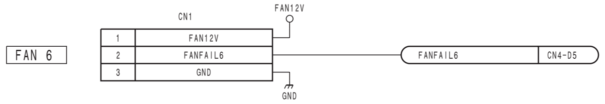

IC2
MAX238CWG
+5V
C4 1uF
C5 1uF
GND
11 9
V+ VCC
CN1-A3 RTS-MB
5 T1IN
T1OUT 2
RTS-RP CN2-A10
CN1-C3 DTR-MB
18 T2IN
T2OUT 1
DTR-RP CN2-C10
CN1-D3 232TX-MB
19 T3IN
T3OUT 24
232TX-RP CN2-D10
21 T4IN
T4OUT 20
CN1-B3 CTS-MB
6 R1OUT
R1IN 7
CTS-RP CN2-B10
CN1-D2 232RX-MB
4 R2OUT
R2IN 3
232RX-RP CN2-D11
CN1-C2 DCD-MB
22 R3OUT
R3IN 23
DCD-RP CN2-C11
17 R4OUT
R4IN 16
10 C1+
C2+ 13
C6 1uF
C7 1uF
12 C1-
C2- 14
V- GND
15 8
C8 1uF
GND
2.0A/72V
KOA CCP2E50 ⚠
IC1
NJM78L05UA-TE1
+5V
PS1
R1 33
CN1-B7-B12 +12V
CN1-C7-C12
1 IN OUT 2
COM
3
C1 1uF
C2 1uF
C3 1uF
GND
GND
GND
GND
E1
GND

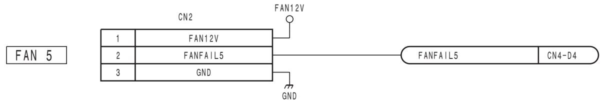
HN-269

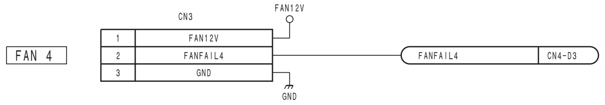
BOARD NO. 1-676-351-11
LOT NO. 908-
HDS-X3600_HN-269_002_1

4-34

HDS-X3700 : S/N 10001 and Higher


CN1
FAN12V
FAN 6
1
FAN12V
2
FANFAIL6
3
GND
GND
FANFAIL6
CN4-D5


CN2
FAN12V
FAN 5
1
FAN12V
2
FANFAIL5
3
GND
GND
FANFAIL5
CN4-D4


CN3
FAN12V
FAN 4
1
FAN12V
2
FANFAIL4
3
GND
GND
FANFAIL4
CN4-D3

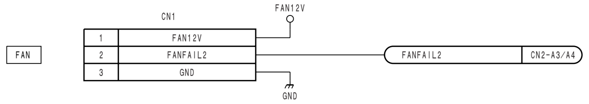
CN4

	A	B	C	D
1				
2	FAN12V	FAN12V	FAN12V	FAN12V
3				FANFAIL4
4				FANFAIL5
5				FANFAIL6
6	GND	GND	GND	GND

HN-270

BOARD NO. 1-676-345-11
LOT NO. 908-
HDS-X3700_HN-270_003_1

HDS-X3400 : S/N 10001 and Higher


CN1
FAN12V
FAN
1
FAN12V
2
FANFAIL2
3
GND
GND
FANFAIL2
CN2-A3/A4

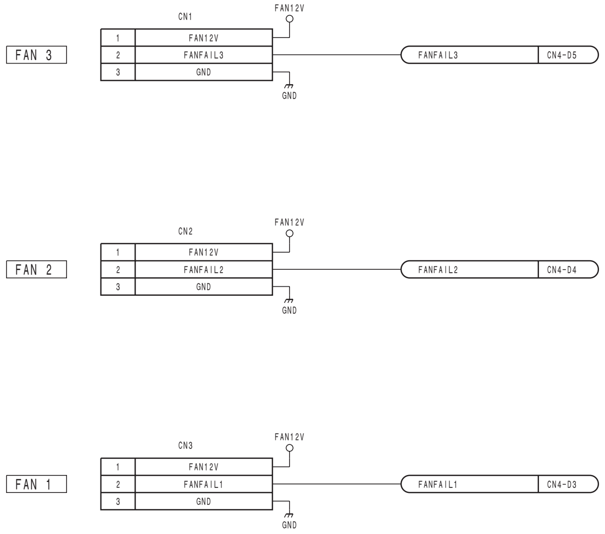
CN2

	A	B	C	D
1	GND	GND	GND	GND
2				
3	FANFAIL2		FAN12V	FAN12V
4	FANFAIL2		FAN12V	FAN12V
5				
6	GND	GND	GND	GND

HN-271

BOARD NO. 1-676-357-11
LOT NO. 908-
HDS-X3400_HN-271_002_1

HDS-X3700 : S/N 10001 and Higher


CN1
FAN12V
FAN 3
1 FAN12V
2 FANFAIL3
3 GND
GND
FANFAIL3 CN4-D5
CN2
FAN12V
FAN 2
1 FAN12V
2 FANFAIL2
3 GND
GND
FANFAIL2 CN4-D4
CN3
FAN12V
FAN 1
1 FAN12V
2 FANFAIL1
3 GND
GND
FANFAIL1 CN4-D3

CN4

	A	B	C	D
1				
2	FAN12V	FAN12V	FAN12V	FAN12V
3				FANFAIL1
4				FANFAIL2
5				FANFAIL3
6	GND	GND	GND	GND

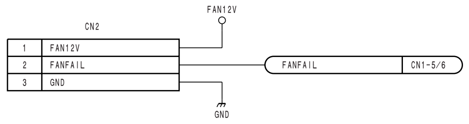
HN-273

BOARD NO. 1-676-346-11
LOT NO. 908-
HDS-X3700_HN-273_002_1

HDS-X3600 : S/N 10001 and Higher

CN1

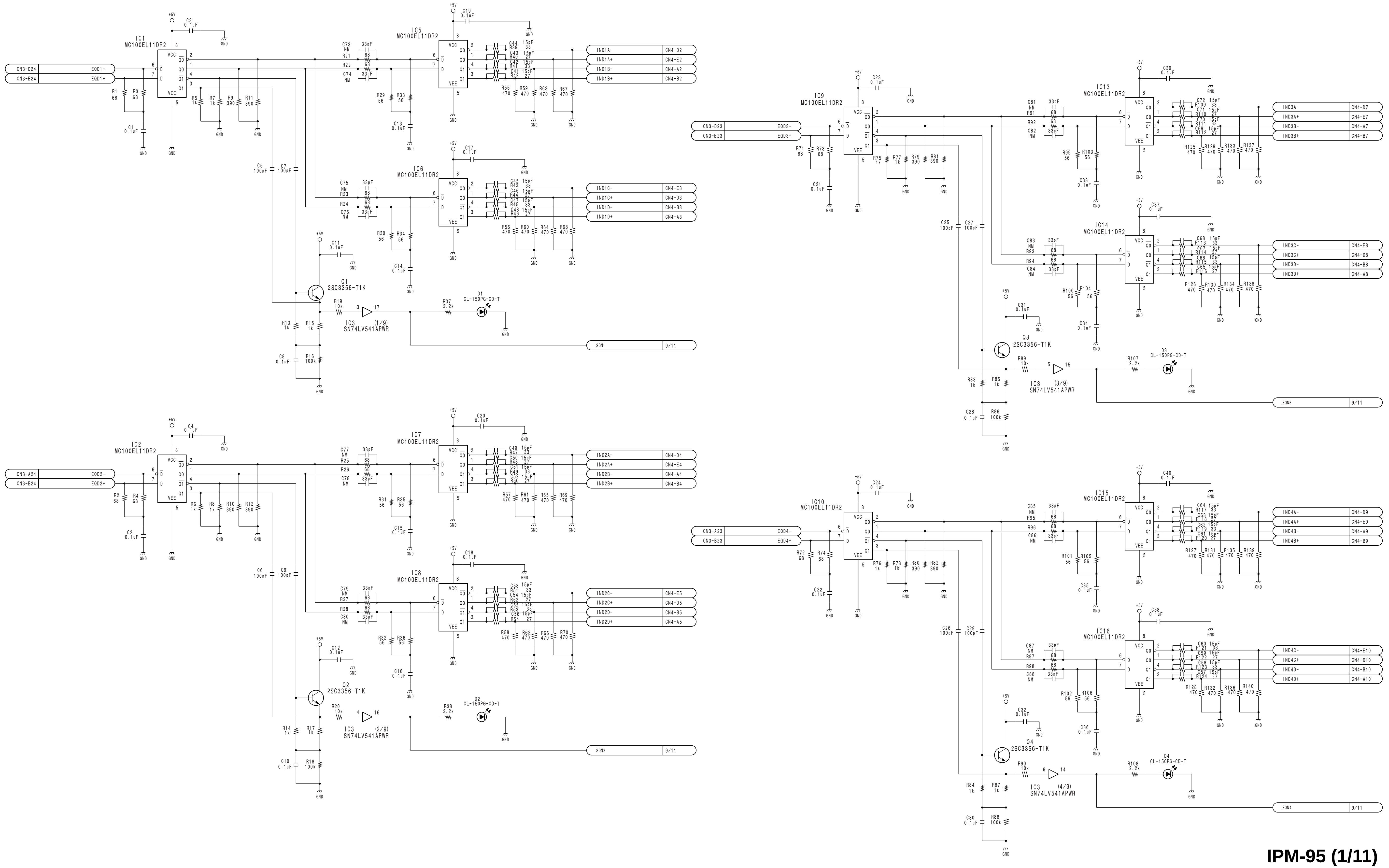
1	
2	
3	FAN12V
4	FAN12V
5	FANFAIL
6	FANFAIL
7	GND
8	GND


FAN12V
CN2
1 FAN12V
2 FANFAIL
3 GND
GND
FANFAIL CN1-5/6

HN-276

BOARD NO. 1-676-352-12
LOT NO. 908-
HDS-X3600_HN-276_002_1

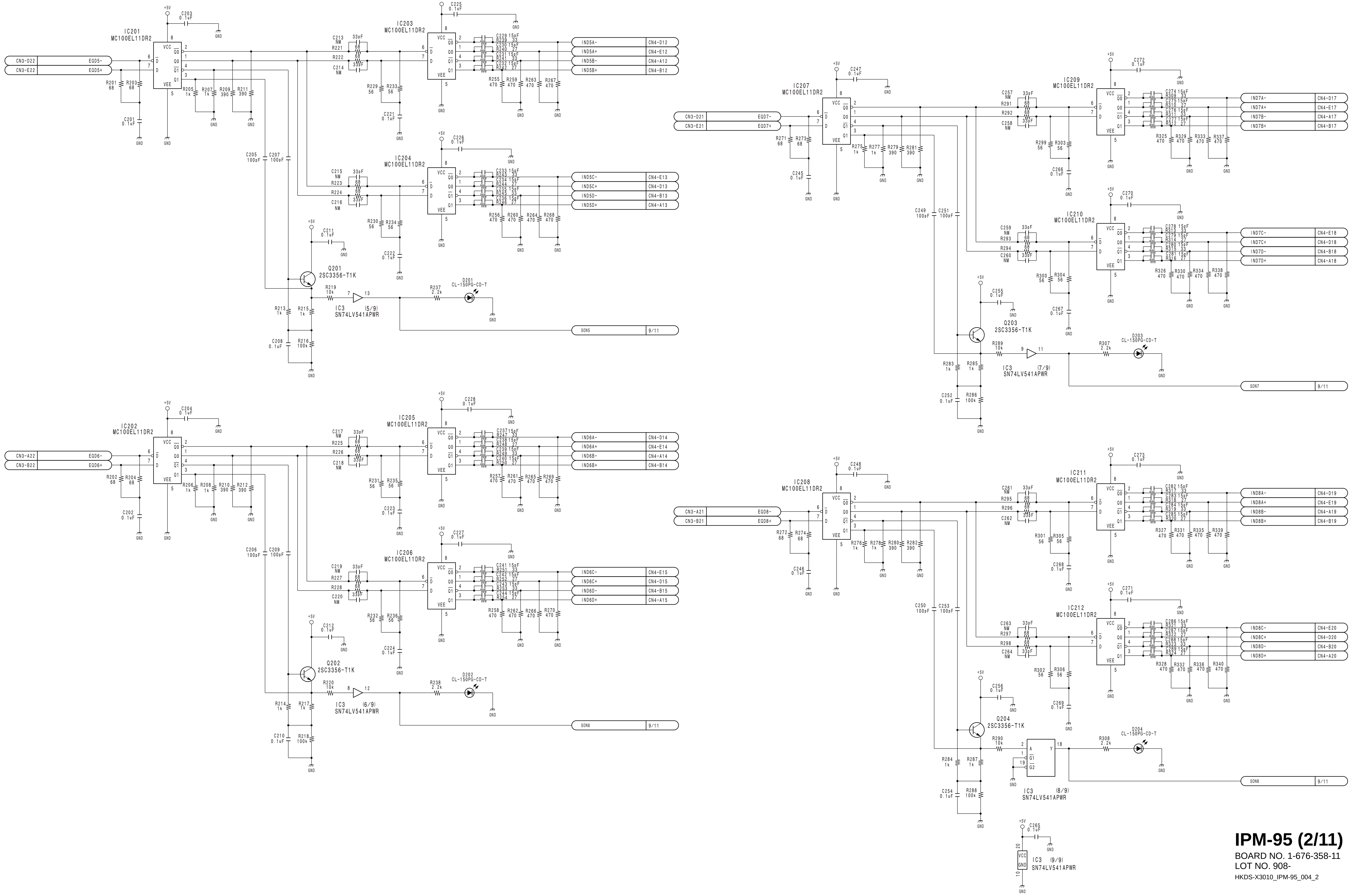
HKDS-X3010 : S/N 10001 and Higher


IC1 MC100EL11DR2
IC2 MC100EL11DR2
IC5 MC100EL11DR2
IC6 MC100EL11DR2
IC7 MC100EL11DR2
IC8 MC100EL11DR2
IC9 MC100EL11DR2
IC10 MC100EL11DR2
IC13 MC100EL11DR2
IC14 MC100EL11DR2
IC15 MC100EL11DR2
IC16 MC100EL11DR2
IC3 (1/9) SN74LV541APWR
IC3 (2/9) SN74LV541APWR
IC3 (3/9) SN74LV541APWR
IC3 (4/9) SN74LV541APWR
Q1 2SC3356-T1K
Q2 2SC3356-T1K
Q3 2SC3356-T1K
Q4 2SC3356-T1K
D1 CL-150PG-CD-T
D2 CL-150PG-CD-T
D3 CL-150PG-CD-T
D4 CL-150PG-CD-T
CN3-D24 EQD1-
CN3-E24 EQD1+
CN3-A24 EQD2-
CN3-B24 EQD2+
CN3-D23 EQD3-
CN3-E23 EQD3+
CN3-A23 EQD4-
CN3-B23 EQD4+
IND1A- CN4-D2
IND1A+ CN4-E2
IND1B- CN4-A2
IND1B+ CN4-B2
IND1C- CN4-E3
IND1C+ CN4-D3
IND1D- CN4-B3
IND1D+ CN4-A3
IND2A- CN4-D4
IND2A+ CN4-E4
IND2B- CN4-A4
IND2B+ CN4-B4
IND2C- CN4-E5
IND2C+ CN4-D5
IND2D- CN4-B5
IND2D+ CN4-A5
IND3A- CN4-D7
IND3A+ CN4-E7
IND3B- CN4-A7
IND3B+ CN4-B7
IND3C- CN4-E8
IND3C+ CN4-D8
IND3D- CN4-B8
IND3D+ CN4-A8
IND4A- CN4-D9
IND4A+ CN4-E9
IND4B- CN4-A9
IND4B+ CN4-B9
IND4C- CN4-E10
IND4C+ CN4-D10
IND4D- CN4-B10
IND4D+ CN4-A10
SON1 9/11
SON2 9/11
SON3 9/11
SON4 9/11
+5V
GND
1
2
3
4
5
A
B
C
D
E
F
G
H

IPM-95 (1/11)

BOARD NO. 1-676-358-11
LOT NO. 908-
HKDS-X3010_IPM-95_004_1

HKDS-X3010 : S/N 10001 and Higher

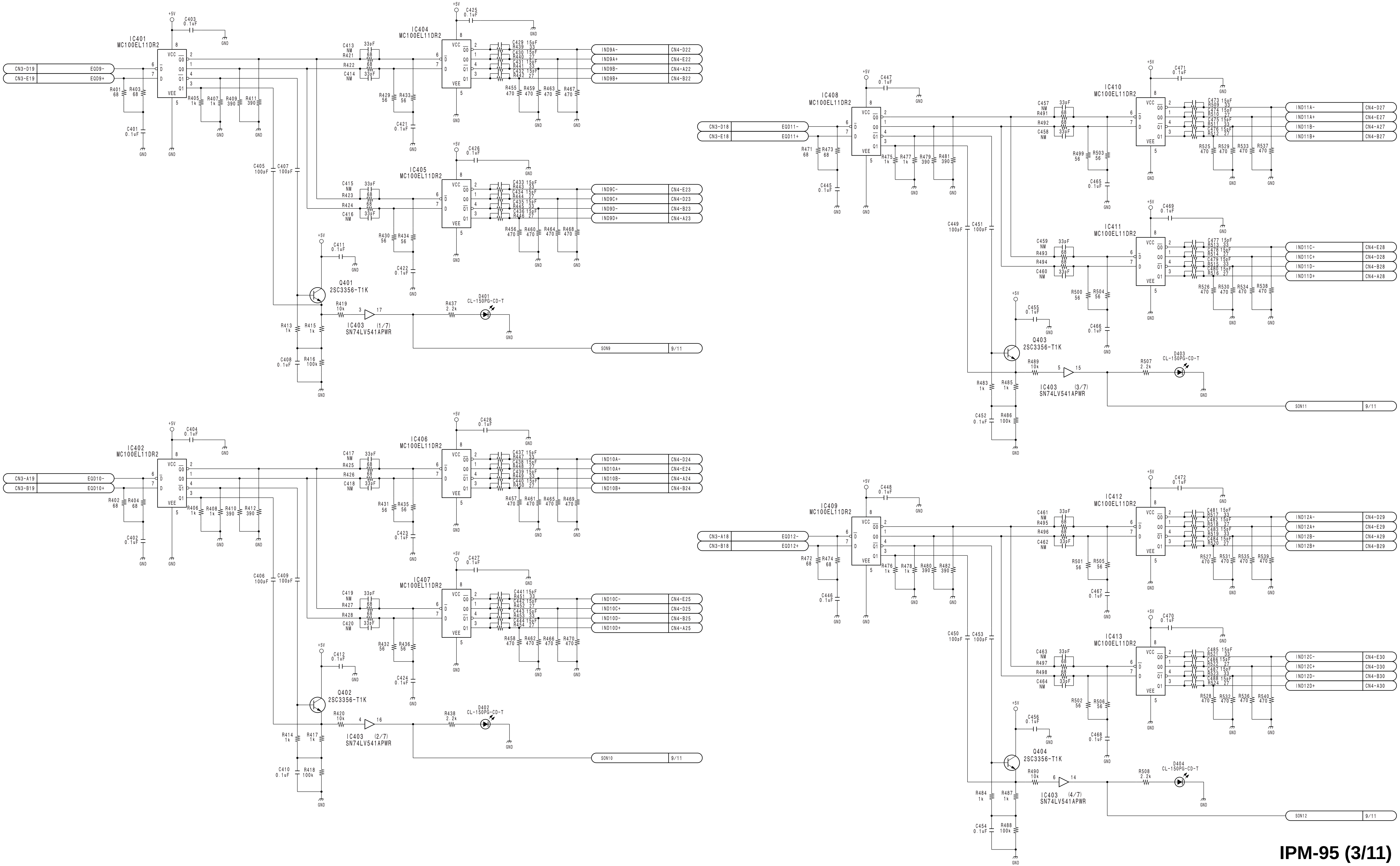

IC201 MC100EL11DR2
IC202 MC100EL11DR2
IC203 MC100EL11DR2
IC204 MC100EL11DR2
IC205 MC100EL11DR2
IC206 MC100EL11DR2
IC207 MC100EL11DR2
IC208 MC100EL11DR2
IC209 MC100EL11DR2
IC210 MC100EL11DR2
IC211 MC100EL11DR2
IC212 MC100EL11DR2
Q201 2SC3356-T1K
Q202 2SC3356-T1K
Q203 2SC3356-T1K
Q204 2SC3356-T1K
D201 CL-150PG-CD-T
D202 CL-150PG-CD-T
D203 CL-150PG-CD-T
D204 CL-150PG-CD-T
IC3 (5/9) SN74LV541APWR
IC3 (6/9) SN74LV541APWR
IC3 (7/9) SN74LV541APWR
IC3 (8/9) SN74LV541APWR
IC3 (9/9) SN74LV541APWR
CN3-D22 EQD5-
CN3-E22 EQD5+
CN3-A22 EQD6-
CN3-B22 EQD6+
CN3-D21 EQD7-
CN3-E21 EQD7+
CN3-A21 EQD8-
CN3-B21 EQD8+
IND5A- CN4-D12
IND5A+ CN4-E12
IND5B- CN4-A12
IND5B+ CN4-B12
IND5C- CN4-E13
IND5C+ CN4-D13
IND5D- CN4-B13
IND5D+ CN4-A13
IND6A- CN4-D14
IND6A+ CN4-E14
IND6B- CN4-A14
IND6B+ CN4-B14
IND6C- CN4-E15
IND6C+ CN4-D15
IND6D- CN4-B15
IND6D+ CN4-A15
IND7A- CN4-D17
IND7A+ CN4-E17
IND7B- CN4-A17
IND7B+ CN4-B17
IND7C- CN4-E18
IND7C+ CN4-D18
IND7D- CN4-B18
IND7D+ CN4-A18
IND8A- CN4-D19
IND8A+ CN4-E19
IND8B- CN4-A19
IND8B+ CN4-B19
IND8C- CN4-E20
IND8C+ CN4-D20
IND8D- CN4-B20
IND8D+ CN4-A20
SON5 9/11
SON6 9/11
SON7 9/11
SON8 9/11
+5V
GND
1
2
3
4
5
A
B
C
D
E
F
G
H

IPM-95 (2/11)

BOARD NO. 1-676-358-11
LOT NO. 908-
HKDS-X3010_IPM-95_004_2

IPM-95 (3/11)

HKDS-X3010 : S/N 10001 and Higher


IC401
MC100EL11DR2
IC402
MC100EL11DR2
IC404
MC100EL11DR2
IC405
MC100EL11DR2
IC406
MC100EL11DR2
IC407
MC100EL11DR2
IC408
MC100EL11DR2
IC409
MC100EL11DR2
IC410
MC100EL11DR2
IC411
MC100EL11DR2
IC412
MC100EL11DR2
IC413
MC100EL11DR2
IC403 (1/7)
SN74LV541APWR
IC403 (2/7)
SN74LV541APWR
IC403 (3/7)
SN74LV541APWR
IC403 (4/7)
SN74LV541APWR
Q401
2SC3356-T1K
Q402
2SC3356-T1K
Q403
2SC3356-T1K
Q404
2SC3356-T1K
D401
CL-150PG-CD-T
D402
CL-150PG-CD-T
D403
CL-150PG-CD-T
D404
CL-150PG-CD-T
CN3-D19 EQD9-
CN3-E19 EQD9+
CN3-A19 EQD10-
CN3-B19 EQD10+
CN3-D18 EQD11-
CN3-E18 EQD11+
CN3-A18 EQD12-
CN3-B18 EQD12+
IND9A- CN4-D22
IND9A+ CN4-E22
IND9B- CN4-A22
IND9B+ CN4-B22
IND9C- CN4-E23
IND9C+ CN4-D23
IND9D- CN4-B23
IND9D+ CN4-A23
IND10A- CN4-D24
IND10A+ CN4-E24
IND10B- CN4-A24
IND10B+ CN4-B24
IND10C- CN4-E25
IND10C+ CN4-D25
IND10D- CN4-B25
IND10D+ CN4-A25
IND11A- CN4-D27
IND11A+ CN4-E27
IND11B- CN4-A27
IND11B+ CN4-B27
IND11C- CN4-E28
IND11C+ CN4-D28
IND11D- CN4-B28
IND11D+ CN4-A28
IND12A- CN4-D29
IND12A+ CN4-E29
IND12B- CN4-A29
IND12B+ CN4-B29
IND12C- CN4-E30
IND12C+ CN4-D30
IND12D- CN4-B30
IND12D+ CN4-A30
SON9 9/11
SON10 9/11
SON11 9/11
SON12 9/11
VCC
VEE
+5V
GND
R401 68
R403 68
C401 0.1uF
C403 0.1uF
R405 1k
R407 1k
R409 390
R411 390
C405 100pF
C407 100pF
C413 NM
R421 68
R422 68
C414 NM
33pF
R429 56
R433 56
C421 0.1uF
C425 0.1uF
R455 470
R459 470
R463 470
R467 470
C426 0.1uF
R430 56
R434 56
C422 0.1uF
R456 470
R460 470
R464 470
R468 470
C411 0.1uF
R419 10k
R413 1k
R415 1k
C408 0.1uF
R416 100k
R437 2.2k
C404 0.1uF
C402 0.1uF
R402 68
R404 68
R406 1k
R408 1k
R410 390
R412 390
C406 100pF
C409 100pF
C428 0.1uF
C427 0.1uF
C412 0.1uF
R420 10k
R414 1k
R417 1k
C410 0.1uF
R418 100k
R438 2.2k
C447 0.1uF
C448 0.1uF
C471 0.1uF
C469 0.1uF
C472 0.1uF
C470 0.1uF
C455 0.1uF
C456 0.1uF
R489 10k
R490 10k
R507 2.2k
R508 2.2k
R483 1k
R485 1k
R484 1k
R487 1k
C452 0.1uF
R486 100k
C454 0.1uF
R488 100k
C449 100pF
C451 100pF
C450 100pF
C453 100pF
R471 68
R473 68
R472 68
R474 68
C445 0.1uF
C446 0.1uF
R475 1k
R477 1k
R479 390
R481 390
R476 1k
R478 1k
R480 390
R482 390
1
2
3
4
5
A
B
C
D
E
F
G
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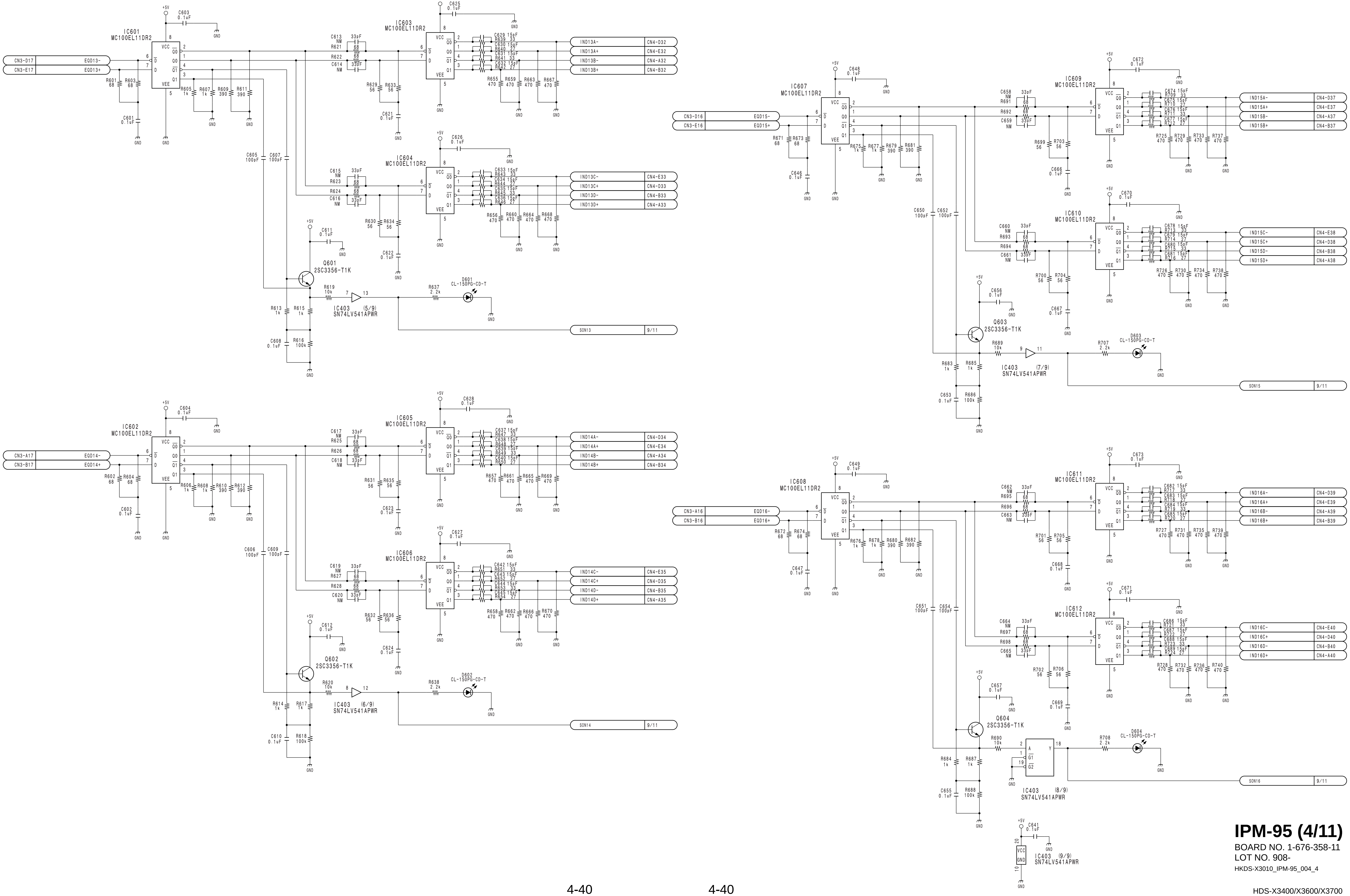
IPM-95 (3/11)

BOARD NO. 1-676-358-11
LOT NO. 908-
HKDS-X3010_IPM-95_004_3

4-39

IPM-95 (4/11)

HKDS-X3010 : S/N 10001 and Higher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IC602 MC100EL11DR2
IC603 MC100EL11DR2
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IC606 MC100EL11DR2
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IC608 MC100EL11DR2
IC609 MC100EL11DR2
IC610 MC100EL11DR2
IC611 MC100EL11DR2
IC612 MC100EL11DR2
IC403 (5/9) SN74LV541APWR
IC403 (6/9) SN74LV541APWR
IC403 (7/9) SN74LV541APWR
IC403 (8/9) SN74LV541APWR
IC403 (9/9) SN74LV541APWR
Q601 2SC3356-T1K
Q602 2SC3356-T1K
Q603 2SC3356-T1K
Q604 2SC3356-T1K
D601 CL-150PG-CD-T
D602 CL-150PG-CD-T
D603 CL-150PG-CD-T
D604 CL-150PG-CD-T
CN3-D17 EQD13-
CN3-E17 EQD13+
CN3-A17 EQD14-
CN3-B17 EQD14+
CN3-D16 EQD15-
CN3-E16 EQD15+
CN3-A16 EQD16-
CN3-B16 EQD16+
IND13A- CN4-D32
IND13A+ CN4-E32
IND13B- CN4-A32
IND13B+ CN4-B32
IND13C- CN4-E33
IND13C+ CN4-D33
IND13D- CN4-B33
IND13D+ CN4-A33
SON13 9/11
IND14A- CN4-D34
IND14A+ CN4-E34
IND14B- CN4-A34
IND14B+ CN4-B34
IND14C- CN4-E35
IND14C+ CN4-D35
IND14D- CN4-B35
IND14D+ CN4-A35
SON14 9/11
IND15A- CN4-D37
IND15A+ CN4-E37
IND15B- CN4-A37
IND15B+ CN4-B37
IND15C- CN4-E38
IND15C+ CN4-D38
IND15D- CN4-B38
IND15D+ CN4-A38
SON15 9/11
IND16A- CN4-D39
IND16A+ CN4-E39
IND16B- CN4-A39
IND16B+ CN4-B39
IND16C- CN4-E40
IND16C+ CN4-D40
IND16D- CN4-B40
IND16D+ CN4-A40
SON16 9/11
+5V
GND
VCC
VEE
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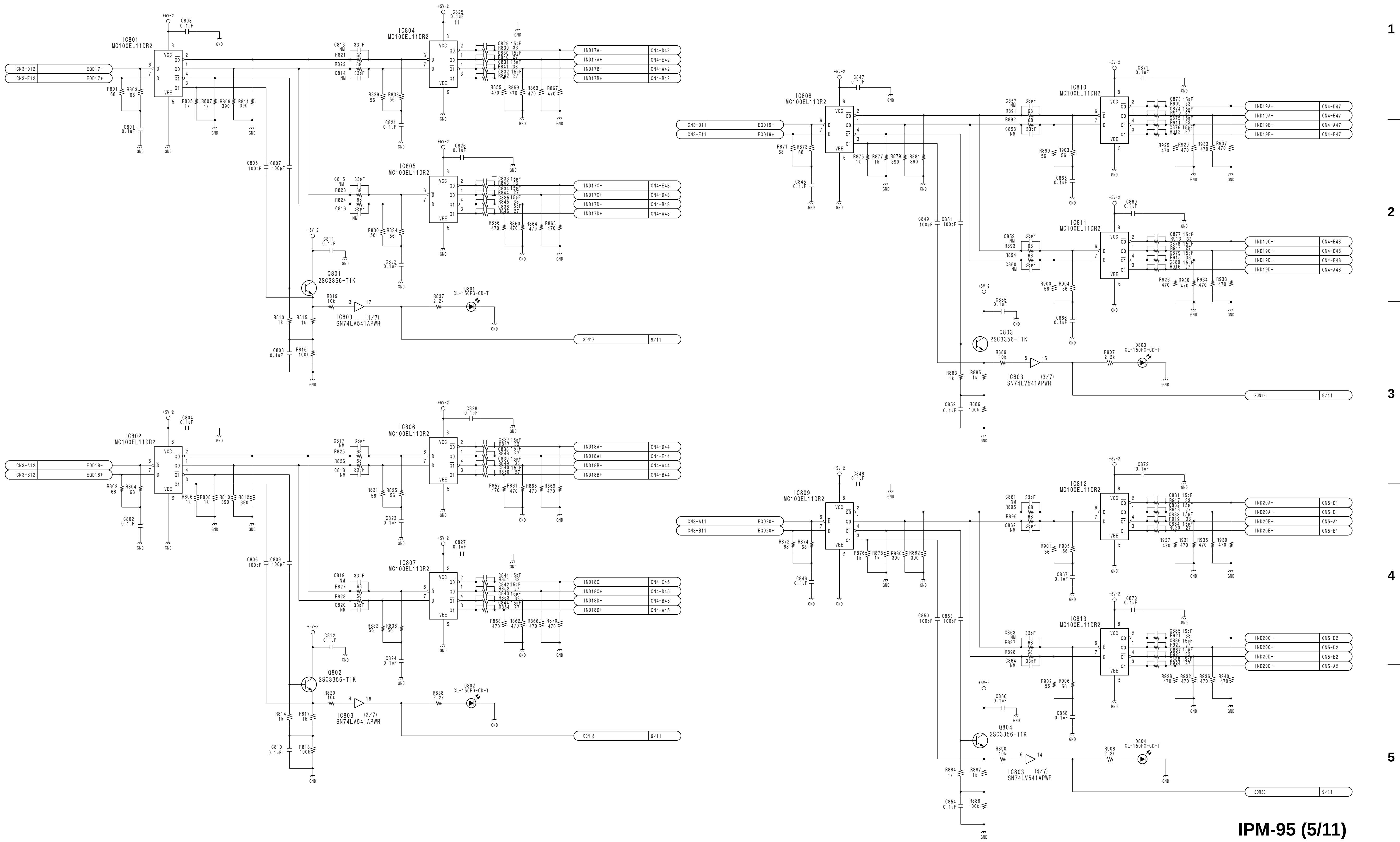
IPM-95 (4/11)

BOARD NO. 1-676-358-11
LOT NO. 908-
HKDS-X3010_IPM-95_004_4

IPM-95 (5/11)

HKDS-X3010 : S/N 10001 and Higher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MC100EL11DR2
IC802
MC100EL11DR2
IC804
MC100EL11DR2
IC805
MC100EL11DR2
IC806
MC100EL11DR2
IC807
MC100EL11DR2
IC808
MC100EL11DR2
IC809
MC100EL11DR2
IC810
MC100EL11DR2
IC811
MC100EL11DR2
IC812
MC100EL11DR2
IC813
MC100EL11DR2
Q801
2SC3356-T1K
Q802
2SC3356-T1K
Q803
2SC3356-T1K
Q804
2SC3356-T1K
IC803 (1/7)
SN74LV541APWR
IC803 (2/7)
SN74LV541APWR
IC803 (3/7)
SN74LV541APWR
IC803 (4/7)
SN74LV541APWR
D801
CL-150PG-CD-T
D802
CL-150PG-CD-T
D803
CL-150PG-CD-T
D804
CL-150PG-CD-T
CN3-D12 EQD17-
CN3-E12 EQD17+
CN3-A12 EQD18-
CN3-B12 EQD18+
CN3-D11 EQD19-
CN3-E11 EQD19+
CN3-A11 EQD20-
CN3-B11 EQD20+
IND17A- CN4-D42
IND17A+ CN4-E42
IND17B- CN4-A42
IND17B+ CN4-B42
IND17C- CN4-E43
IND17C+ CN4-D43
IND17D- CN4-B43
IND17D+ CN4-A43
SON17 9/11
IND18A- CN4-D44
IND18A+ CN4-E44
IND18B- CN4-A44
IND18B+ CN4-B44
IND18C- CN4-E45
IND18C+ CN4-D45
IND18D- CN4-B45
IND18D+ CN4-A45
SON18 9/11
IND19A- CN4-D47
IND19A+ CN4-E47
IND19B- CN4-A47
IND19B+ CN4-B47
IND19C- CN4-E48
IND19C+ CN4-D48
IND19D- CN4-B48
IND19D+ CN4-A48
SON19 9/11
IND20A- CN5-D1
IND20A+ CN5-E1
IND20B- CN5-A1
IND20B+ CN5-B1
IND20C- CN5-E2
IND20C+ CN5-D2
IND20D- CN5-B2
IND20D+ CN5-A2
SON20 9/11
+5V-2
GND
1
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5

IPM-95 (5/11)

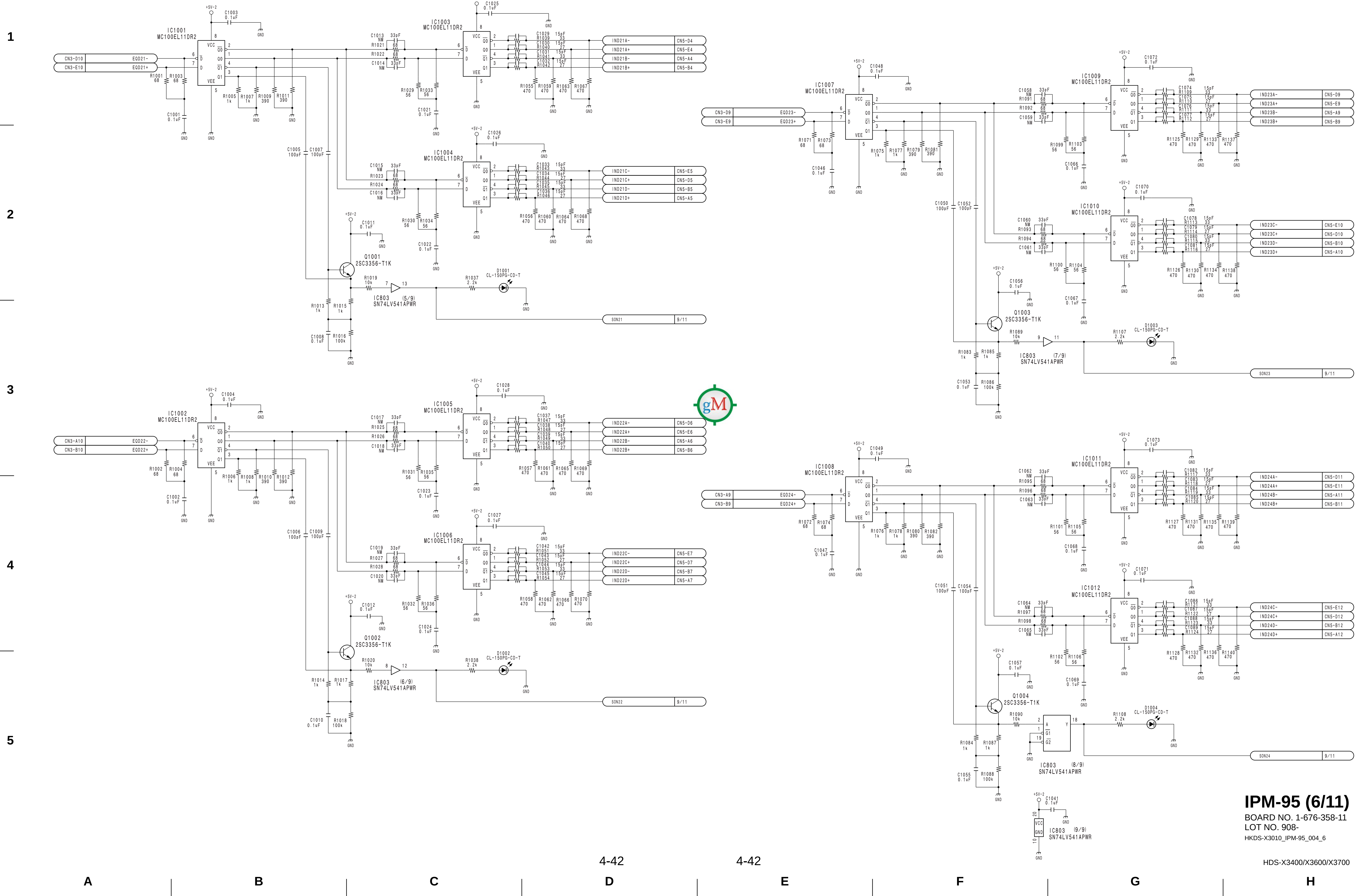
BOARD NO. 1-676-358-11
LOT NO. 908-
HKDS-X3010_IPM-95_004_5

4-41

A B C D E F G H

IPM-95 (6/11)

HKDS-X3010 : S/N 10001 and Higher


1
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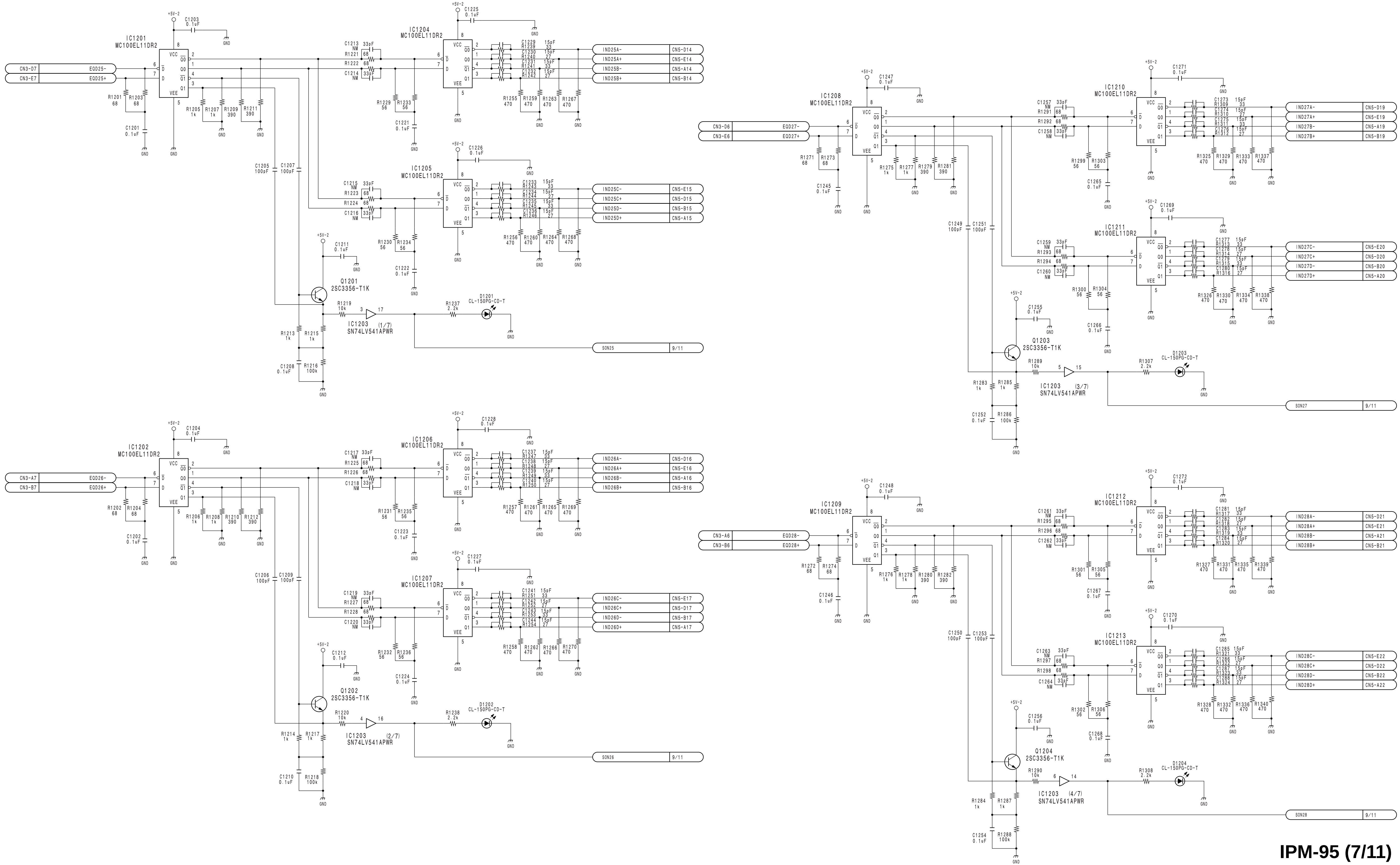
IC1001 MC100EL11DR2
IC1002 MC100EL11DR2
IC1003 MC100EL11DR2
IC1004 MC100EL11DR2
IC1005 MC100EL11DR2
IC1006 MC100EL11DR2
IC1007 MC100EL11DR2
IC1008 MC100EL11DR2
IC1009 MC100EL11DR2
IC1010 MC100EL11DR2
IC1011 MC100EL11DR2
IC1012 MC100EL11DR2
Q1001 2SC3356-T1K
Q1002 2SC3356-T1K
Q1003 2SC3356-T1K
Q1004 2SC3356-T1K
D1001 CL-150PG-CD-T
D1002 CL-150PG-CD-T
D1003 CL-150PG-CD-T
D1004 CL-150PG-CD-T
IC803 (5/9) SN74LV541APWR
IC803 (6/9) SN74LV541APWR
IC803 (7/9) SN74LV541APWR
IC803 (8/9) SN74LV541APWR
IC803 (9/9) SN74LV541APWR
CN3-D10 EQD21-
CN3-E10 EQD21+
CN3-A10 EQD22-
CN3-B10 EQD22+
CN3-D9 EQD23-
CN3-E9 EQD23+
CN3-A9 EQD24-
CN3-B9 EQD24+
IND21A- CN5-D4
IND21A+ CN5-E4
IND21B- CN5-A4
IND21B+ CN5-B4
IND21C- CN5-E5
IND21C+ CN5-D5
IND21D- CN5-B5
IND21D+ CN5-A5
IND22A- CN5-D6
IND22A+ CN5-E6
IND22B- CN5-A6
IND22B+ CN5-B6
IND22C- CN5-E7
IND22C+ CN5-D7
IND22D- CN5-B7
IND22D+ CN5-A7
IND23A- CN5-D9
IND23A+ CN5-E9
IND23B- CN5-A9
IND23B+ CN5-B9
IND23C- CN5-E10
IND23C+ CN5-D10
IND23D- CN5-B10
IND23D+ CN5-A10
IND24A- CN5-D11
IND24A+ CN5-E11
IND24B- CN5-A11
IND24B+ CN5-B11
IND24C- CN5-E12
IND24C+ CN5-D12
IND24D- CN5-B12
IND24D+ CN5-A12
SDN21 9/11
SDN22 9/11
SDN23 9/11
SDN24 9/11
+5V-2
GND

IPM-95 (6/11)

BOARD NO. 1-676-358-11
LOT NO. 908-
HKDS-X3010_IPM-95_004_6

4-42

HKDS-X3010 : S/N 10001 and Higher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MC100EL11DR2
IC1202
MC100EL11DR2
IC1204
MC100EL11DR2
IC1205
MC100EL11DR2
IC1206
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IC1207
MC100EL11DR2
IC1208
MC100EL11DR2
IC1209
MC100EL11DR2
IC1210
MC100EL11DR2
IC1211
MC100EL11DR2
IC1212
MC100EL11DR2
IC1213
MC100EL11DR2
IC1203 (1/7)
SN74LV541APWR
IC1203 (2/7)
SN74LV541APWR
IC1203 (3/7)
SN74LV541APWR
IC1203 (4/7)
SN74LV541APWR
Q1201
2SC3356-T1K
Q1202
2SC3356-T1K
Q1203
2SC3356-T1K
Q1204
2SC3356-T1K
D1201
CL-150PG-CD-T
D1202
CL-150PG-CD-T
D1203
CL-150PG-CD-T
D1204
CL-150PG-CD-T
CN3-D7 EQD25-
CN3-E7 EQD25+
CN3-A7 EQD26-
CN3-B7 EQD26+
CN3-D6 EQD27-
CN3-E6 EQD27+
CN3-A6 EQD28-
CN3-B6 EQD28+
IND25A- CN5-D14
IND25A+ CN5-E14
IND25B- CN5-A14
IND25B+ CN5-B14
IND25C- CN5-E15
IND25C+ CN5-D15
IND25D- CN5-B15
IND25D+ CN5-A15
SON25 9/11
IND26A- CN5-D16
IND26A+ CN5-E16
IND26B- CN5-A16
IND26B+ CN5-B16
IND26C- CN5-E17
IND26C+ CN5-D17
IND26D- CN5-B17
IND26D+ CN5-A17
SON26 9/11
IND27A- CN5-D19
IND27A+ CN5-E19
IND27B- CN5-A19
IND27B+ CN5-B19
IND27C- CN5-E20
IND27C+ CN5-D20
IND27D- CN5-B20
IND27D+ CN5-A20
SON27 9/11
IND28A- CN5-D21
IND28A+ CN5-E21
IND28B- CN5-A21
IND28B+ CN5-B21
IND28C- CN5-E22
IND28C+ CN5-D22
IND28D- CN5-B22
IND28D+ CN5-A22
SON28 9/11
+5V-2
GND
VCC
VEE
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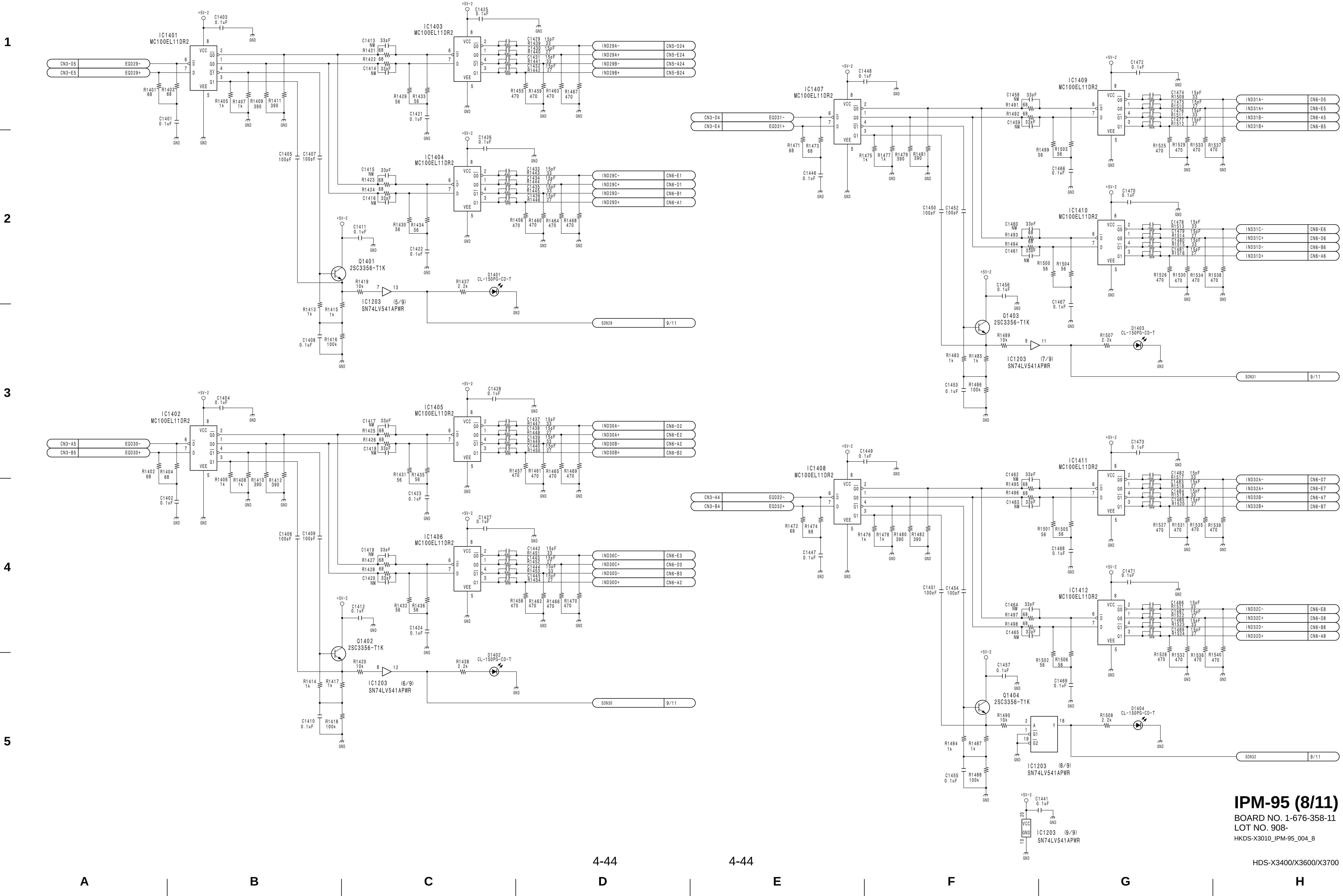
IPM-95 (7/11)

BOARD NO. 1-676-358-11
LOT NO. 908-
HKDS-X3010_IPM-95_004_7

IPM-95 (8/11)

HKDS-X3010 : S/N 10001 and Higher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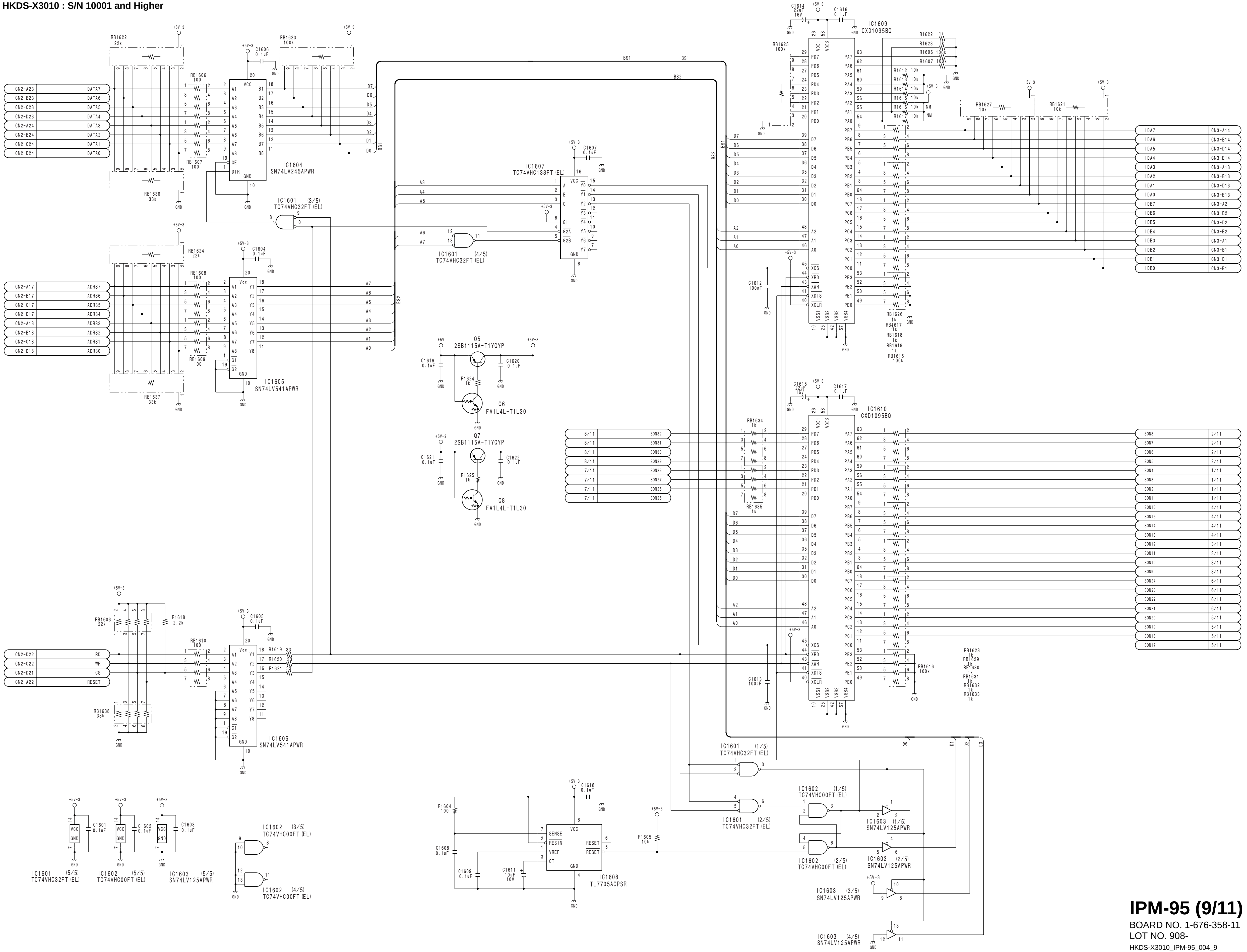
IC1401 MC100EL11DR2
IC1402 MC100EL11DR2
IC1403 MC100EL11DR2
IC1404 MC100EL11DR2
IC1405 MC100EL11DR2
IC1406 MC100EL11DR2
IC1407 MC100EL11DR2
IC1408 MC100EL11DR2
IC1409 MC100EL11DR2
IC1410 MC100EL11DR2
IC1411 MC100EL11DR2
IC1412 MC100EL11DR2
IC1203 (5/9) SN74LV541APWR
IC1203 (6/9) SN74LV541APWR
IC1203 (7/9) SN74LV541APWR
IC1203 (8/9) SN74LV541APWR
IC1203 (9/9) SN74LV541APWR
Q1401 2SC3356-T1K
Q1402 2SC3356-T1K
Q1403 2SC3356-T1K
Q1404 2SC3356-T1K
D1401 CL-150PG-CD-T
D1402 CL-150PG-CD-T
D1403 CL-150PG-CD-T
D1404 CL-150PG-CD-T
+5V-2
GND
CN3-D5 EQD29-
CN3-E5 EQD29+
CN3-A5 EQD30-
CN3-B5 EQD30+
CN3-D4 EQD31-
CN3-E4 EQD31+
CN3-A4 EQD32-
CN3-B4 EQD32+
IND29A- CN5-D24
IND29A+ CN5-E24
IND29B- CN5-A24
IND29B+ CN5-B24
IND29C- CN6-E1
IND29C+ CN6-D1
IND29D- CN6-B1
IND29D+ CN6-A1
IND30A- CN6-D2
IND30A+ CN6-E2
IND30B- CN6-A2
IND30B+ CN6-B2
IND30C- CN6-E3
IND30C+ CN6-D3
IND30D- CN6-B3
IND30D+ CN6-A2
IND31A- CN6-D5
IND31A+ CN6-E5
IND31B- CN6-A5
IND31B+ CN6-B5
IND31C- CN6-E6
IND31C+ CN6-D6
IND31D- CN6-B6
IND31D+ CN6-A6
IND32A- CN6-D7
IND32A+ CN6-E7
IND32B- CN6-A7
IND32B+ CN6-B7
IND32C- CN6-E8
IND32C+ CN6-D8
IND32D- CN6-B8
IND32D+ CN6-A8
SON29 9/11
SON30 9/11
SON31 9/11
SON32 9/11

IPM-95 (8/11)

BOARD NO. 1-676-358-11
LOT NO. 908-
HKDS-X3010_IPM-95_004_8

4-44

HKDS-X3010 : S/N 10001 and Higher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IC1605 SN74LV541APWR
IC1606 SN74LV541APWR
IC1601 (3/5) TC74VHC32FT (EL)
IC1601 (4/5) TC74VHC32FT (EL)
IC1601 (1/5) TC74VHC32FT (EL)
IC1601 (2/5) TC74VHC32FT (EL)
IC1601 (5/5) TC74VHC32FT (EL)
IC1602 (1/5) TC74VHC00FT (EL)
IC1602 (2/5) TC74VHC00FT (EL)
IC1602 (3/5) TC74VHC00FT (EL)
IC1602 (4/5) TC74VHC00FT (EL)
IC1602 (5/5) TC74VHC00FT (EL)
IC1603 (1/5) SN74LV125APWR
IC1603 (2/5) SN74LV125APWR
IC1603 (3/5) SN74LV125APWR
IC1603 (4/5) SN74LV125APWR
IC1603 (5/5) SN74LV125APWR
IC1607 TC74VHC138FT (EL)
IC1608 TL7705ACPSR
IC1609 CXD1095BQ
IC1610 CXD1095BQ
Q5 2SB1115A-T1YQYP
Q6 FA1L4L-T1L30
Q7 2SB1115A-T1YQYP
Q8 FA1L4L-T1L30
CN2-A23 DATA7
CN2-B23 DATA6
CN2-C23 DATA5
CN2-D23 DATA4
CN2-A24 DATA3
CN2-B24 DATA2
CN2-C24 DATA1
CN2-D24 DATA0
CN2-A17 ADRS7
CN2-B17 ADRS6
CN2-C17 ADRS5
CN2-D17 ADRS4
CN2-A18 ADRS3
CN2-B18 ADRS2
CN2-C18 ADRS1
CN2-D18 ADRS0
CN2-D22 RD
CN2-C22 WR
CN2-D21 CS
CN2-A22 RESET
IDA7 CN3-A14
IDA6 CN3-B14
IDA5 CN3-D14
IDA4 CN3-E14
IDA3 CN3-A13
IDA2 CN3-B13
IDA1 CN3-D13
IDA0 CN3-E13
IDB7 CN3-A2
IDB6 CN3-B2
IDB5 CN3-D2
IDB4 CN3-E2
IDB3 CN3-A1
IDB2 CN3-B1
IDB1 CN3-D1
IDB0 CN3-E1
8/11 SON32
8/11 SON31
8/11 SON30
8/11 SON29
7/11 SON28
7/11 SON27
7/11 SON26
7/11 SON25
SON8 2/11
SON7 2/11
SON6 2/11
SON5 2/11
SON4 1/11
SON3 1/11
SON2 1/11
SON1 1/11
SON16 4/11
SON15 4/11
SON14 4/11
SON13 4/11
SON12 3/11
SON11 3/11
SON10 3/11
SON9 3/11
SON24 6/11
SON23 6/11
SON22 6/11
SON21 6/11
SON20 5/11
SON19 5/11
SON18 5/11
SON17 5/11
BS1
BS2
+5V-3
GND
1
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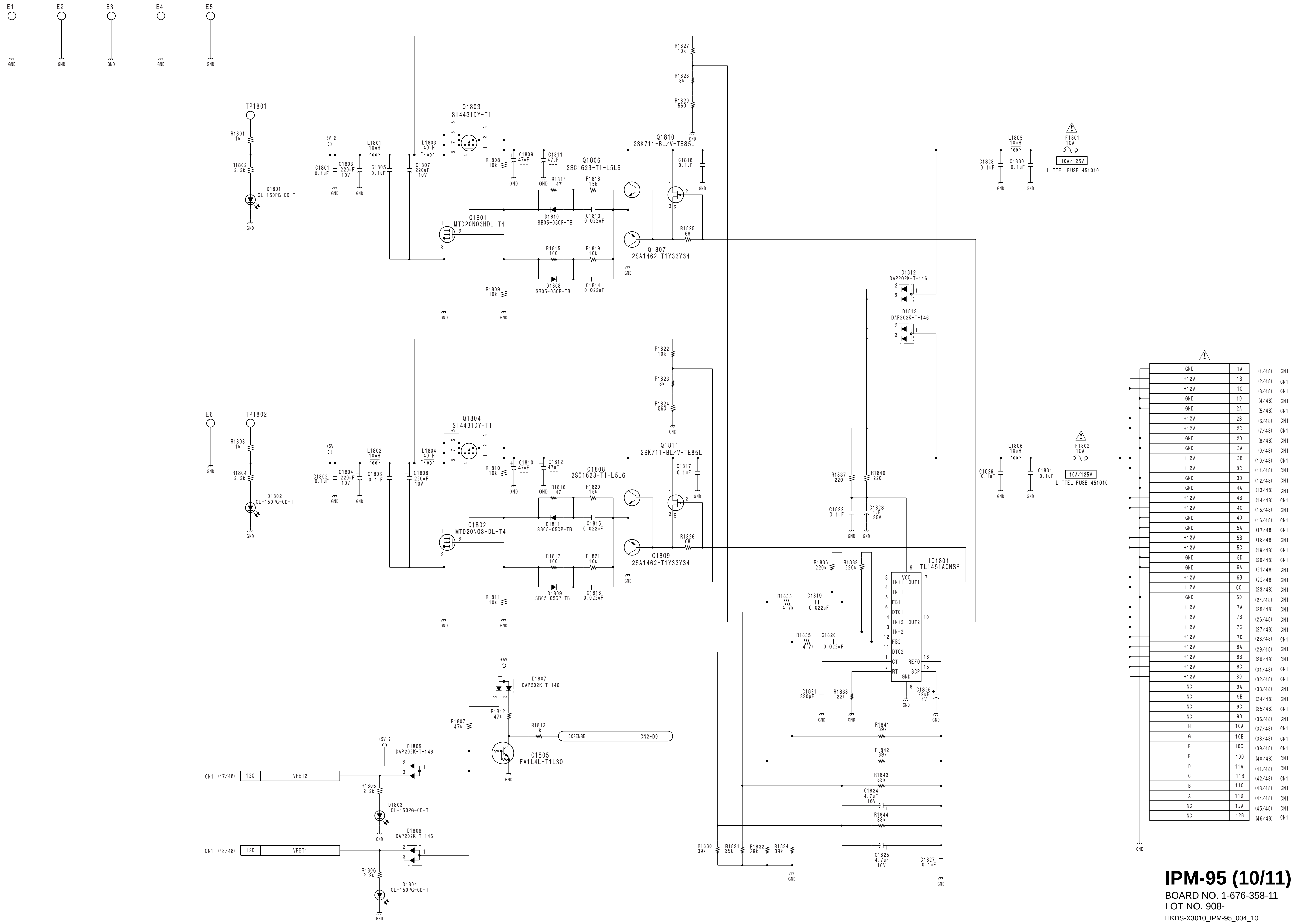
IPM-95 (9/11)

BOARD NO. 1-676-358-11
LOT NO. 908-
HKDS-X3010_IPM-95_004_9

A B C D E F G H

IPM-95 (10/11)

HKDS-X3010 : S/N 10001 and Higher


E1
E2
E3
E4
E5
E6
TP1801
TP1802
R1801 1k
R1802 2.2k
D1801 CL-150PG-CD-T
R1803 1k
R1804 2.2k
D1802 CL-150PG-CD-T
+5V-2
+5V
L1801 10uH
L1802 10uH
L1803 40uH
L1804 40uH
C1801 0.1uF
C1802 0.1uF
C1803 220uF 10V
C1804 220uF 10V
C1805 0.1uF
C1806 0.1uF
C1807 220uF 10V
C1808 220uF 10V
Q1803 SI4431DY-T1
Q1804 SI4431DY-T1
Q1801 MTD20N03HDL-T4
Q1802 MTD20N03HDL-T4
Q1806 2SC1623-T1-L5L6
Q1808 2SC1623-T1-L5L6
Q1807 2SA1462-T1Y33Y34
Q1809 2SA1462-T1Y33Y34
Q1810 2SK711-BL/V-TE85L
Q1811 2SK711-BL/V-TE85L
C1809 47uF
C1810 47uF
C1811 47uF
C1812 47uF
R1808 10k
R1809 10k
R1810 10k
R1811 10k
R1814 47
R1816 47
R1815 100
R1817 100
R1818 15k
R1820 15k
R1819 10k
R1821 10k
D1810 SB05-05CP-TB
D1808 SB05-05CP-TB
D1811 SB05-05CP-TB
D1809 SB05-05CP-TB
C1813 0.022uF
C1814 0.022uF
C1815 0.022uF
C1816 0.022uF
R1827 10k
R1828 3k
R1829 560
R1822 10k
R1823 3k
R1824 560
C1818 0.1uF
C1817 0.1uF
R1825 68
R1826 68
D1812 DAP202K-T-146
D1813 DAP202K-T-146
L1805 10uH
L1806 10uH
F1801 10A
F1802 10A
10A/125V
LITTEL FUSE 451010
C1828 0.1uF
C1829 0.1uF
C1830 0.1uF
C1831 0.1uF
R1837 220
R1840 220
C1822 0.1uF
C1823 1uF 35V
IC1801 TL1451ACNSR
VCC
IN+1
IN-1
FB1
DTC1
IN+2
IN-2
FB2
DTC2
CT
RT
GND
OUT1
OUT2
REFO
SCP
R1836 220k
R1839 220k
R1833 4.7k
C1819 0.022uF
R1835 4.7k
C1820 0.022uF
C1821 330pF
R1838 22k
C1826 22uF 4V
R1841 39k
R1842 39k
R1843 33k
R1844 33k
C1824 4.7uF 16V
C1825 4.7uF 16V
C1827 0.1uF
R1830 39k
R1831 39k
R1832 39k
R1834 39k
D1807 DAP202K-T-146
R1807 47k
R1812 47k
R1813 1k
DCSENSE
CN2-D9
Q1805 FA1L4L-T1L30
D1805 DAP202K-T-146
D1806 DAP202K-T-146
D1803 CL-150PG-CD-T
D1804 CL-150PG-CD-T
R1805 2.2k
R1806 2.2k
CN1 (47/48) 12C VRET2
CN1 (48/48) 12D VRET1
GND
GND 1A (1/48) CN1
+12V 1B (2/48) CN1
+12V 1C (3/48) CN1
GND 1D (4/48) CN1
GND 2A (5/48) CN1
+12V 2B (6/48) CN1
+12V 2C (7/48) CN1
GND 2D (8/48) CN1
GND 3A (9/48) CN1
+12V 3B (10/48) CN1
+12V 3C (11/48) CN1
GND 3D (12/48) CN1
GND 4A (13/48) CN1
+12V 4B (14/48) CN1
+12V 4C (15/48) CN1
GND 4D (16/48) CN1
GND 5A (17/48) CN1
+12V 5B (18/48) CN1
+12V 5C (19/48) CN1
GND 5D (20/48) CN1
GND 6A (21/48) CN1
+12V 6B (22/48) CN1
+12V 6C (23/48) CN1
GND 6D (24/48) CN1
+12V 7A (25/48) CN1
+12V 7B (26/48) CN1
+12V 7C (27/48) CN1
+12V 7D (28/48) CN1
+12V 8A (29/48) CN1
+12V 8B (30/48) CN1
+12V 8C (31/48) CN1
+12V 8D (32/48) CN1
NC 9A (33/48) CN1
NC 9B (34/48) CN1
NC 9C (35/48) CN1
NC 9D (36/48) CN1
H 10A (37/48) CN1
G 10B (38/48) CN1
F 10C (39/48) CN1
E 10D (40/48) CN1
D 11A (41/48) CN1
C 11B (42/48) CN1
B 11C (43/48) CN1
A 11D (44/48) CN1
NC 12A (45/48) CN1
NC 12B (46/48) CN1

IPM-95 (10/11)

BOARD NO. 1-676-358-11
LOT NO. 908-
HKDS-X3010_IPM-95_004_10

4-46

http://getMANUAL.com

HKDS-X3010 : S/N 10001 and Higher

CN6

	H	G	A	B	C	D	E	F
1	×	GND	IND29D+	IND29D-	GND	IND29C+	IND29C-	×
2	GND	GND	IND30B-	IND30B+	GND	IND30A-	IND30A+	GND
3	×	GND	IND30D+	IND30D-	GND	IND30C+	IND30C-	×
4	×	GND	GND	GND	GND	GND	GND	GND
5	×	GND	IND31B-	IND31B+	GND	IND31A-	IND31A+	×
6	GND	GND	IND31D+	IND31D-	GND	IND31C+	IND31C-	GND
7	×	GND	IND32B-	IND32B+	GND	IND32A-	IND32A+	×
8	GND	GND	IND32D+	IND32D-	GND	IND32C+	IND32C-	GND
9	×	GND	GND	GND	GND	GND	GND	×
10	×	GND	(RSV1B-)	(RSV1B+)	GND	(RSV1A-)	(RSV1A+)	GND
11	×	GND	(RSV1D+)	(RSV1D-)	GND	(RSV1C+)	(RSV1C-)	×
12	GND	GND			GND			GND

CN5

	H	G	A	B	C	D	E	F
1	×	GND	IND20B-	IND20B+	GND	IND20A-	IND20A+	×
2	GND	GND	IND20D+	IND20D-	GND	IND20C+	IND20C-	GND
3	×	GND	GND	GND	GND	GND	GND	×
4	×	GND	IND21B-	IND21B+	GND	IND21A-	IND21A+	GND
5	×	GND	IND21D+	IND21D-	GND	IND21C+	IND21C-	×
6	GND	GND	IND22B-	IND22B+	GND	IND22A-	IND22A+	GND
7	×	GND	IND22D+	IND22D-	GND	IND22C+	IND22C-	×
8	GND	GND	GND	GND	GND	GND	GND	GND
9	×	GND	IND23B-	IND23B+	GND	IND23A-	IND23A+	×
10	×	GND	IND23D+	IND23D-	GND	IND23C+	IND23C-	GND
11	×	GND	IND24B-	IND24B+	GND	IND24A-	IND24A+	×
12	GND	GND	IND24D+	IND24D-	GND	IND24C+	IND24C-	GND
13	×	GND	GND	GND	GND	GND	GND	×
14	GND	GND	IND25B-	IND25B+	GND	IND25A-	IND25A+	GND
15	×	GND	IND25D+	IND25D-	GND	IND25C+	IND25C-	×
16	×	GND	IND26B-	IND26B+	GND	IND26A-	IND26A+	GND
17	×	GND	IND26D+	IND26D-	GND	IND26C+	IND26C-	×
18	GND	GND	GND	GND	GND	GND	GND	GND
19	×	GND	IND27B-	IND27B+	GND	IND27A-	IND27A+	×
20	GND	GND	IND27D+	IND27D-	GND	IND27C+	IND27C-	GND
21	×	GND	IND28B-	IND28B+	GND	IND28A-	IND28A+	×
22	×	GND	IND28D+	IND28D-	GND	IND28C+	IND28C-	GND
23	×	GND	GND	GND	GND	GND	GND	×
24	GND	GND	IND29B-	IND29B+	GND	IND29A-	IND29A+	GND

CN4

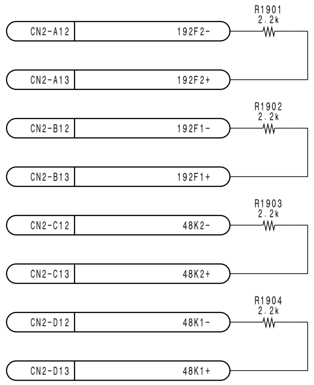
	H	G	A	B	C	D	E	F
1	×	GND	GND	GND	GND	GND	GND	×
2	GND	GND	IND1B-	IND1B+	GND	IND1A-	IND1A+	GND
3	×	GND	IND1D+	IND1D-	GND	IND1C+	IND1C-	×
4	×	GND	IND2B-	IND2B+	GND	IND2A-	IND2A+	GND
5	×	GND	IND2D+	IND2D-	GND	IND2C+	IND2C-	×
6	GND	GND	GND	GND	GND	GND	GND	GND
7	×	GND	IND3B-	IND3B+	GND	IND3A-	IND3A+	×
8	GND	GND	IND3D+	IND3D-	GND	IND3C+	IND3C-	GND
9	×	GND	IND4B-	IND4B+	GND	IND4A-	IND4A+	×
10	×	GND	IND4D+	IND4D-	GND	IND4C+	IND4C-	GND
11	×	GND	GND	GND	GND	GND	GND	×
12	GND	GND	IND5B-	IND5B+	GND	IND5A-	IND5A+	GND
13	×	GND	IND5D+	IND5D-	GND	IND5C+	IND5C-	×
14	GND	GND	IND6B-	IND6B+	GND	IND6A-	IND6A+	GND
15	×	GND	IND6D+	IND6D-	GND	IND6C+	IND6C-	×
16	×	GND	GND	GND	GND	GND	GND	GND
17	×	GND	IND7B-	IND7B+	GND	IND7A-	IND7A+	×
18	GND	GND	IND7D+	IND7D-	GND	IND7C+	IND7C-	GND
19	×	GND	IND8B-	IND8B+	GND	IND8A-	IND8A+	×
20	GND	GND	IND8D+	IND8D-	GND	IND8C+	IND8C-	GND
21	×	GND	GND	GND	GND	GND	GND	×
22	×	GND	IND9B-	IND9B+	GND	IND9A-	IND9A+	GND
23	×	GND	IND9D+	IND9D-	GND	IND9C+	IND9C-	×
24	GND	GND	IND10B-	IND10B+	GND	IND10A-	IND10A+	GND
25	×	GND	IND10D+	IND10D-	GND	IND10C+	IND10C-	×
26	GND	GND	GND	GND	GND	GND	GND	GND
27	×	GND	IND11B-	IND11B+	GND	IND11A-	IND11A+	×
28	×	GND	IND11D+	IND11D-	GND	IND11C+	IND11C-	GND
29	×	GND	IND12B-	IND12B+	GND	IND12A-	IND12A+	×
30	GND	GND	IND12D+	IND12D-	GND	IND12C+	IND12C-	GND
31	×	GND	GND	GND	GND	GND	GND	×
32	GND	GND	IND13B-	IND13B+	GND	IND13A-	IND13A+	GND
33	×	GND	IND13D+	IND13D-	GND	IND13C+	IND13C-	×
34	×	GND	IND14B-	IND14B+	GND	IND14A-	IND14A+	GND
35	×	GND	IND14D+	IND14D-	GND	IND14C+	IND14C-	×
36	GND	GND	GND	GND	GND	GND	GND	GND
37	×	GND	IND15B-	IND15B+	GND	IND15A-	IND15A+	×
38	GND	GND	IND15D+	IND15D-	GND	IND15C+	IND15C-	GND
39	×	GND	IND16B-	IND16B+	GND	IND16A-	IND16A+	×
40	×	GND	IND16D+	IND16D-	GND	IND16C+	IND16C-	GND
41	×	GND	GND	GND	GND	GND	GND	×
42	GND	GND	IND17B-	IND17B+	GND	IND17A-	IND17A+	GND
43	×	GND	IND17D+	IND17D-	GND	IND17C+	IND17C-	×
44	GND	GND	IND18B-	IND18B+	GND	IND18A-	IND18A+	GND
45	×	GND	IND18D+	IND18D-	GND	IND18C+	IND18C-	×
46	×	GND	GND	GND	GND	GND	GND	GND
47	×	GND	IND19B-	IND19B+	GND	IND19A-	IND19A+	×
48	GND	GND	IND19D+	IND19D-	GND	IND19C+	IND19C-	GND

CN3

	H	G	A	B	C	D	E	F
1	×	GND	IDB3	IDB2	GND	IDB1	IDB0	×
2	GND	GND	IDB7	IDB6	GND	IDB5	IDB4	GND
3	×	GND			GND	GND	GND	×
4	×	GND	EQD32-	EQD32+	GND	EQD31-	EQD31+	GND
5	×	GND	EQD30-	EQD30+	GND	EQD29-	EQD29+	×
6	GND	GND	EQD28-	EQD28+	GND	EQD27-	EQD27+	GND
7	×	GND	EQD26-	EQD26+	GND	EQD25-	EQD25+	×
8	GND	GND	GND	GND	GND	GND	GND	GND
9	×	GND	EQD24-	EQD24+	GND	EQD23-	EQD23+	×
10	×	GND	EQD22-	EQD22+	GND	EQD21-	EQD21+	GND
11	×	GND	EQD20-	EQD20+	GND	EQD19-	EQD19+	×
12	GND	GND	EQD18-	EQD18+	GND	EQD17-	EQD17+	GND
13	×	GND	IDA3	IDA2	GND	IDA1	IDA0	×
14	GND	GND	IDA7	IDA6	GND	IDA5	IDA4	GND
15	×	GND			GND	GND	GND	×
16	×	GND	EQD16-	EQD16+	GND	EQD15-	EQD15+	GND
17	×	GND	EQD14-	EQD14+	GND	EQD13-	EQD13+	×
18	GND	GND	EQD12-	EQD12+	GND	EQD11-	EQD11+	GND
19	×	GND	EQD10-	EQD10+	GND	EQD9-	EQD9+	×
20	GND	GND	GND	GND	GND	GND	GND	GND
21	×	GND	EQD8-	EQD8+	GND	EQD7-	EQD7+	×
22	×	GND	EQD6-	EQD6+	GND	EQD5-	EQD5+	GND
23	×	GND	EQD4-	EQD4+	GND	EQD3-	EQD3+	×
24	GND	GND	EQD2-	EQD2+	GND	EQD1-	EQD1+	GND

CN2

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8			(SYNC2)	(SYNC1)
9				DCSENSE
10				
11				
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	(CONF2)	(CONF1)	GND	GND
15	(ADRS15)	(ADRS14)	(ADRS13)	(ADRS12)
16	(ADRS11)	(ADRS10)	(ADRS9)	(ADRS8)
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	(RSV6)	(RSV5)	GND	GND
20				
21				CS
22	RESET	(RSV7)	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0



IPM-95 (11/11)
BOARD NO. 1-676-358-11
LOT NO. 908-
HKDS-X3010_IPM-95_004_11

HDS-X3700 : S/N 10001 and Higher

CN11

	G	A	B	C	D	E	F
1	GND	IND29D+	IND29D-	GND	IND29C+	IND29C-	GND
2	GND	IND30B-	IND30B+	GND	IND30A-	IND30A+	GND
3	GND	IND30D+	IND30D-	GND	IND30C+	IND30C-	GND
4	GND	GND	GND	GND	GND	GND	GND
5	GND	IND31B-	IND31B+	GND	IND31A-	IND31A+	GND
6	GND	IND31D+	IND31D-	GND	IND31C+	IND31C-	GND
7	GND	IND32B-	IND32B+	GND	IND32A-	IND32A+	GND
8	GND	IND32D+	IND32D-	GND	IND32C+	IND32C-	GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND	RSV1B-	RSV1B+	GND	RSV1A-	RSV1A+	GND
11	GND	RSV1D+	RSV1D-	GND	RSV1C+	RSV1C-	GND
12	GND			GND			GND

CN12

	G	A	B	C	D	E	F
1	GND	IND20B-	IND20B+	GND	IND20A-	IND20A+	GND
2	GND	IND20D+	IND20D-	GND	IND20C+	IND20C-	GND
3	GND	GND	GND	GND	GND	GND	GND
4	GND	IND21B-	IND21B+	GND	IND21A-	IND21A+	GND
5	GND	IND21D+	IND21D-	GND	IND21C+	IND21C-	GND
6	GND	IND22B-	IND22B+	GND	IND22A-	IND22A+	GND
7	GND	IND22D+	IND22D-	GND	IND22C+	IND22C-	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	IND23B-	IND23B+	GND	IND23A-	IND23A+	GND
10	GND	IND23D+	IND23D-	GND	IND23C+	IND23C-	GND
11	GND	IND24B-	IND24B+	GND	IND24A-	IND24A+	GND
12	GND	IND24D+	IND24D-	GND	IND24C+	IND24C-	GND
13	GND	GND	GND	GND	GND	GND	GND
14	GND	IND25B-	IND25B+	GND	IND25A-	IND25A+	GND
15	GND	IND25D+	IND25D-	GND	IND25C+	IND25C-	GND
16	GND	IND26B-	IND26B+	GND	IND26A-	IND26A+	GND
17	GND	IND26D+	IND26D-	GND	IND26C+	IND26C-	GND
18	GND	GND	GND	GND	GND	GND	GND
19	GND	IND27B-	IND27B+	GND	IND27A-	IND27A+	GND
20	GND	IND27D+	IND27D-	GND	IND27C+	IND27C-	GND
21	GND	IND28B-	IND28B+	GND	IND28A-	IND28A+	GND
22	GND	IND28D+	IND28D-	GND	IND28C+	IND28C-	GND
23	GND	GND	GND	GND	GND	GND	GND
24	GND	IND29B-	IND29B+	GND	IND29A-	IND29A+	GND

CN13

	G	A	B	C	D	E	F
1	GND	GND	GND	GND	GND	GND	GND
2	GND	IND1B-	IND1B+	GND	IND1A-	IND1A+	GND
3	GND	IND1D+	IND1D-	GND	IND1C+	IND1C-	GND
4	GND	IND2B-	IND2B+	GND	IND2A-	IND2A+	GND
5	GND	IND2D+	IND2D-	GND	IND2C+	IND2C-	GND
6	GND	GND	GND	GND	GND	GND	GND
7	GND	IND3B-	IND3B+	GND	IND3A-	IND3A+	GND
8	GND	IND3D+	IND3D-	GND	IND3C+	IND3C-	GND
9	GND	IND4B-	IND4B+	GND	IND4A-	IND4A+	GND
10	GND	IND4D+	IND4D-	GND	IND4C+	IND4C-	GND
11	GND	GND	GND	GND	GND	GND	GND
12	GND	IND5B-	IND5B+	GND	IND5A-	IND5A+	GND
13	GND	IND5D+	IND5D-	GND	IND5C+	IND5C-	GND
14	GND	IND6B-	IND6B+	GND	IND6A-	IND6A+	GND
15	GND	IND6D+	IND6D-	GND	IND6C+	IND6C-	GND
16	GND	GND	GND	GND	GND	GND	GND
17	GND	IND7B-	IND7B+	GND	IND7A-	IND7A+	GND
18	GND	IND7D+	IND7D-	GND	IND7C+	IND7C-	GND
19	GND	IND8B-	IND8B+	GND	IND8A-	IND8A+	GND
20	GND	IND8D+	IND8D-	GND	IND8C+	IND8C-	GND
21	GND	GND	GND	GND	GND	GND	GND
22	GND	IND9B-	IND9B+	GND	IND9A-	IND9A+	GND
23	GND	IND9D+	IND9D-	GND	IND9C+	IND9C-	GND
24	GND	IND10B-	IND10B+	GND	IND10A-	IND10A+	GND
25	GND	IND10D+	IND10D-	GND	IND10C+	IND10C-	GND
26	GND	GND	GND	GND	GND	GND	GND
27	GND	IND11B-	IND11B+	GND	IND11A-	IND11A+	GND
28	GND	IND11D+	IND11D-	GND	IND11C+	IND11C-	GND
29	GND	IND12B-	IND12B+	GND	IND12A-	IND12A+	GND
30	GND	IND12D+	IND12D-	GND	IND12C+	IND12C-	GND
31	GND	GND	GND	GND	GND	GND	GND
32	GND	IND13B-	IND13B+	GND	IND13A-	IND13A+	GND
33	GND	IND13D+	IND13D-	GND	IND13C+	IND13C-	GND
34	GND	IND14B-	IND14B+	GND	IND14A-	IND14A+	GND
35	GND	IND14D+	IND14D-	GND	IND14C+	IND14C-	GND
36	GND	GND	GND	GND	GND	GND	GND
37	GND	IND15B-	IND15B+	GND	IND15A-	IND15A+	GND
38	GND	IND15D+	IND15D-	GND	IND15C+	IND15C-	GND
39	GND	IND16B-	IND16B+	GND	IND16A-	IND16A+	GND
40	GND	IND16D+	IND16D-	GND	IND16C+	IND16C-	GND
41	GND	GND	GND	GND	GND	GND	GND
42	GND	IND17B-	IND17B+	GND	IND17A-	IND17A+	GND
43	GND	IND17D+	IND17D-	GND	IND17C+	IND17C-	GND
44	GND	IND18B-	IND18B+	GND	IND18A-	IND18A+	GND
45	GND	IND18D+	IND18D-	GND	IND18C+	IND18C-	GND
46	GND	GND	GND	GND	GND	GND	GND
47	GND	IND19B-	IND19B+	GND	IND19A-	IND19A+	GND
48	GND	IND19D+	IND19D-	GND	IND19C+	IND19C-	GND

CN14

	G	A	B	C	D	E	F
1	GND	(IDA3)	(IDA2)	GND	(IDA1)	(IDA0)	GND
2	GND	(IDA7)	(IDA6)	GND	(IDA5)	(IDA4)	GND
3	GND			GND	GND	GND	GND
4	GND	(EQD16-)	(EQD16+)	GND	(EQD15-)	(EQD15+)	GND
5	GND	(EQD14-)	(EQD14+)	GND	(EQD13-)	(EQD13+)	GND
6	GND	(EQD12-)	(EQD12+)	GND	(EQD11-)	(EQD11+)	GND
7	GND	(EQD10-)	(EQD10+)	GND	(EQD9-)	(EQD9+)	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	(EQD8-)	(EQD8+)	GND	(EQD7-)	(EQD7+)	GND
10	GND	(EQD6-)	(EQD6+)	GND	(EQD5-)	(EQD5+)	GND
11	GND	(EQD4-)	(EQD4+)	GND	(EQD3-)	(EQD3+)	GND
12	GND	(EQD2-)	(EQD2+)	GND	(EQD1-)	(EQD1+)	GND

CN15

	G	A	B	C	D	E	F
1	GND	IDB3	IDB2	GND	IDB1	IDB0	GND
2	GND	IDB7	IDB6	GND	IDB5	IDB4	GND
3	GND			GND	GND	GND	GND
4	GND	EQD32-	EQD32+	GND	EQD31-	EQD31+	GND
5	GND	EQD30-	EQD30+	GND	EQD29-	EQD29+	GND
6	GND	EQD28-	EQD28+	GND	EQD27-	EQD27+	GND
7	GND	EQD26-	EQD26+	GND	EQD25-	EQD25+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	EQD24-	EQD24+	GND	EQD23-	EQD23+	GND
10	GND	EQD22-	EQD22+	GND	EQD21-	EQD21+	GND
11	GND	EQD20-	EQD20+	GND	EQD19-	EQD19+	GND
12	GND	EQD18-	EQD18+	GND	EQD17-	EQD17+	GND

CN16

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8			SYNC2	SYNC1
9				DCSENSE1
10				
11				
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20				
21				CS1
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN17

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3				
4	H1	G1	F1	E1
5	D1	C1	B1	A1
6			VRET12	VRET11

⚠ CN18

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

MB-864 (1/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_1

HDS-X3700 : S/N 10001 and Higher

CN24

	G	A	B	C	D	E	F
1	GND	EQD18-	EQD18+	GND	EQD17-	EQD17+	GND
2	GND	EQD20-	EQD20+	GND	EQD19-	EQD19+	GND
3	GND	EQD22-	EQD22+	GND	EQD21-	EQD21+	GND
4	GND	EQD24-	EQD24+	GND	EQD23-	EQD23+	GND
5	GND	GND	GND	GND	GND	GND	GND
6	GND	EQD26-	EQD26+	GND	EQD25-	EQD25+	GND
7	GND	EQD28-	EQD28+	GND	EQD27-	EQD27+	GND
8	GND	EQD30-	EQD30+	GND	EQD29-	EQD29+	GND
9	GND	EQD32-	EQD32+	GND	EQD31-	EQD31+	GND
10	GND			GND	GND	GND	GND
11	GND	IDB7	IDB6	GND	IDB5	IDB4	GND
12	GND	IDB3	IDB2	GND	IDB1	IDB0	GND

⚠ CN27

	A	B	C	D
1				VRET12
2	D1	C1	B1	A1
3	H1	G1	F1	E1
4				
5	+12V	+12V	+12V	+12V
6	+12V	+12V	+12V	+12V
7	GND	+12V	+12V	GND
8	GND	+12V	+12V	GND
9	GND	+12V	+12V	GND
10	GND	+12V	+12V	GND
11	GND	+12V	+12V	GND
12	GND	+12V	+12V	GND

MB-864 (2/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_2

HDS-X3700 : S/N 10001 and Higher

CN31

	G	A	B	C	D	E	F
1	GND	IND61D+	IND61D-	GND	IND61C+	IND61C-	GND
2	GND	IND62B-	IND62B+	GND	IND62A-	IND62A+	GND
3	GND	IND62D+	IND62D-	GND	IND62C+	IND62C-	GND
4	GND	GND	GND	GND	GND	GND	GND
5	GND	IND63B-	IND63B+	GND	IND63A-	IND63A+	GND
6	GND	IND63D+	IND63D-	GND	IND63C+	IND63C-	GND
7	GND	IND64B-	IND64B+	GND	IND64A-	IND64A+	GND
8	GND	IND64D+	IND64D-	GND	IND64C+	IND64C-	GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND	RSV2B-	RSV2B+	GND	RSV2A-	RSV2A+	GND
11	GND	RSV2D+	RSV2D-	GND	RSV2C+	RSV2C-	GND
12	GND			GND			GND

CN32

	G	A	B	C	D	E	F
1	GND	IND52B-	IND52B+	GND	IND52A-	IND52A+	GND
2	GND	IND52D+	IND52D-	GND	IND52C+	IND52C-	GND
3	GND	GND	GND	GND	GND	GND	GND
4	GND	IND53B-	IND53B+	GND	IND53A-	IND53A+	GND
5	GND	IND53D+	IND53D-	GND	IND53C+	IND53C-	GND
6	GND	IND54B-	IND54B+	GND	IND54A-	IND54A+	GND
7	GND	IND54D+	IND54D-	GND	IND54C+	IND54C-	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	IND55B-	IND55B+	GND	IND55A-	IND55A+	GND
10	GND	IND55D+	IND55D-	GND	IND55C+	IND55C-	GND
11	GND	IND56B-	IND56B+	GND	IND56A-	IND56A+	GND
12	GND	IND56D+	IND56D-	GND	IND56C+	IND56C-	GND
13	GND	GND	GND	GND	GND	GND	GND
14	GND	IND57B-	IND57B+	GND	IND57A-	IND57A+	GND
15	GND	IND57D+	IND57D-	GND	IND57C+	IND57C-	GND
16	GND	IND58B-	IND58B+	GND	IND58A-	IND58A+	GND
17	GND	IND58D+	IND58D-	GND	IND58C+	IND58C-	GND
18	GND	GND	GND	GND	GND	GND	GND
19	GND	IND59B-	IND59B+	GND	IND59A-	IND59A+	GND
20	GND	IND59D+	IND59D-	GND	IND59C+	IND59C-	GND
21	GND	IND60B-	IND60B+	GND	IND60A-	IND60A+	GND
22	GND	IND60D+	IND60D-	GND	IND60C+	IND60C-	GND
23	GND	GND	GND	GND	GND	GND	GND
24	GND	IND61B-	IND61B+	GND	IND61A-	IND61A+	GND

CN33

	G	A	B	C	D	E	F
1	GND	GND	GND	GND	GND	GND	GND
2	GND	IND33B-	IND33B+	GND	IND33A-	IND33A+	GND
3	GND	IND33D+	IND33D-	GND	IND33C+	IND33C-	GND
4	GND	IND34B-	IND34B+	GND	IND34A-	IND34A+	GND
5	GND	IND34D+	IND34D-	GND	IND34C+	IND34C-	GND
6	GND	GND	GND	GND	GND	GND	GND
7	GND	IND35B-	IND35B+	GND	IND35A-	IND35A+	GND
8	GND	IND35D+	IND35D-	GND	IND35C+	IND35C-	GND
9	GND	IND36B-	IND36B+	GND	IND36A-	IND36A+	GND
10	GND	IND36D+	IND36D-	GND	IND36C+	IND36C-	GND
11	GND	GND	GND	GND	GND	GND	GND
12	GND	IND37B-	IND37B+	GND	IND37A-	IND37A+	GND
13	GND	IND37D+	IND37D-	GND	IND37C+	IND37C-	GND
14	GND	IND38B-	IND38B+	GND	IND38A-	IND38A+	GND
15	GND	IND38D+	IND38D-	GND	IND38C+	IND38C-	GND
16	GND	GND	GND	GND	GND	GND	GND
17	GND	IND39B-	IND39B+	GND	IND39A-	IND39A+	GND
18	GND	IND39D+	IND39D-	GND	IND39C+	IND39C-	GND
19	GND	IND40B-	IND40B+	GND	IND40A-	IND40A+	GND
20	GND	IND40D+	IND40D-	GND	IND40C+	IND40C-	GND
21	GND	GND	GND	GND	GND	GND	GND
22	GND	IND41B-	IND41B+	GND	IND41A-	IND41A+	GND
23	GND	IND41D+	IND41D-	GND	IND41C+	IND41C-	GND
24	GND	IND42B-	IND42B+	GND	IND42A-	IND42A+	GND
25	GND	IND42D+	IND42D-	GND	IND42C+	IND42C-	GND
26	GND	GND	GND	GND	GND	GND	GND
27	GND	IND43B-	IND43B+	GND	IND43A-	IND43A+	GND
28	GND	IND43D+	IND43D-	GND	IND43C+	IND43C-	GND
29	GND	IND44B-	IND44B+	GND	IND44A-	IND44A+	GND
30	GND	IND44D+	IND44D-	GND	IND44C+	IND44C-	GND
31	GND	GND	GND	GND	GND	GND	GND
32	GND	IND45B-	IND45B+	GND	IND45A-	IND45A+	GND
33	GND	IND45D+	IND45D-	GND	IND45C+	IND45C-	GND
34	GND	IND46B-	IND46B+	GND	IND46A-	IND46A+	GND
35	GND	IND46D+	IND46D-	GND	IND46C+	IND46C-	GND
36	GND	GND	GND	GND	GND	GND	GND
37	GND	IND47B-	IND47B+	GND	IND47A-	IND47A+	GND
38	GND	IND47D+	IND47D-	GND	IND47C+	IND47C-	GND
39	GND	IND48B-	IND48B+	GND	IND48A-	IND48A+	GND
40	GND	IND48D+	IND48D-	GND	IND48C+	IND48C-	GND
41	GND	GND	GND	GND	GND	GND	GND
42	GND	IND49B-	IND49B+	GND	IND49A-	IND49A+	GND
43	GND	IND49D+	IND49D-	GND	IND49C+	IND49C-	GND
44	GND	IND50B-	IND50B+	GND	IND50A-	IND50A+	GND
45	GND	IND50D+	IND50D-	GND	IND50C+	IND50C-	GND
46	GND	GND	GND	GND	GND	GND	GND
47	GND	IND51B-	IND51B+	GND	IND51A-	IND51A+	GND
48	GND	IND51D+	IND51D-	GND	IND51C+	IND51C-	GND

CN34

	G	A	B	C	D	E	F
1	GND	(IDC3)	(IDC2)	GND	(IDC1)	(IDC0)	GND
2	GND	(IDC7)	(IDC6)	GND	(IDC5)	(IDC4)	GND
3	GND			GND	GND	GND	GND
4	GND	(EQD48-)	(EQD48+)	GND	(EQD47-)	(EQD47+)	GND
5	GND	(EQD46-)	(EQD46+)	GND	(EQD45-)	(EQD45+)	GND
6	GND	(EQD44-)	(EQD44+)	GND	(EQD43-)	(EQD43+)	GND
7	GND	(EQD42-)	(EQD42+)	GND	(EQD41-)	(EQD41+)	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	(EQD40-)	(EQD40+)	GND	(EQD39-)	(EQD39+)	GND
10	GND	(EQD38-)	(EQD38+)	GND	(EQD37-)	(EQD37+)	GND
11	GND	(EQD36-)	(EQD36+)	GND	(EQD35-)	(EQD35+)	GND
12	GND	(EQD34-)	(EQD34+)	GND	(EQD33-)	(EQD33+)	GND

CN35

	G	A	B	C	D	E	F
1	GND	IDD3	IDD2	GND	IDD1	IDD0	GND
2	GND	IDD7	IDD6	GND	IDD5	IDD4	GND
3	GND			GND	GND	GND	GND
4	GND	EQD64-	EQD64+	GND	EQD63-	EQD63+	GND
5	GND	EQD62-	EQD62+	GND	EQD61-	EQD61+	GND
6	GND	EQD60-	EQD60+	GND	EQD59-	EQD59+	GND
7	GND	EQD58-	EQD58+	GND	EQD57-	EQD57+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	EQD56-	EQD56+	GND	EQD55-	EQD55+	GND
10	GND	EQD54-	EQD54+	GND	EQD53-	EQD53+	GND
11	GND	EQD52-	EQD52+	GND	EQD51-	EQD51+	GND
12	GND	EQD50-	EQD50+	GND	EQD49-	EQD49+	GND

CN36

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8			SYNC2	SYNC1
9				DCSENSE2
10				
11				
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20				
21				CS2
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN37

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3				
4	H2	G2	F2	E2
5	D2	C2	B2	A2
6			VRET22	VRET21

⚠ CN38

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

MB-864 (3/18)
BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_3

HDS-X3700 : S/N 10001 and Higher

CN44

	G	A	B	C	D	E	F
1	GND	EQD50-	EQD50+	GND	EQD49-	EQD49+	GND
2	GND	EQD52-	EQD52+	GND	EQD51-	EQD51+	GND
3	GND	EQD54-	EQD54+	GND	EQD53-	EQD53+	GND
4	GND	EQD56-	EQD56+	GND	EQD55-	EQD55+	GND
5	GND	GND	GND	GND	GND	GND	GND
6	GND	EQD58-	EQD58+	GND	EQD57-	EQD57+	GND
7	GND	EQD60-	EQD60+	GND	EQD59-	EQD59+	GND
8	GND	EQD62-	EQD62+	GND	EQD61-	EQD61+	GND
9	GND	EQD64-	EQD64+	GND	EQD63-	EQD63+	GND
10	GND			GND	GND	GND	GND
11	GND	IDD7	IDD6	GND	IDD5	IDD4	GND
12	GND	IDD3	IDD2	GND	IDD1	IDD0	GND

⚠ CN47

	A	B	C	D
1				VRET22
2	D2	C2	B2	A2
3	H2	G2	F2	E2
4				
5	+12V	+12V	+12V	+12V
6	+12V	+12V	+12V	+12V
7	GND	+12V	+12V	GND
8	GND	+12V	+12V	GND
9	GND	+12V	+12V	GND
10	GND	+12V	+12V	GND
11	GND	+12V	+12V	GND
12	GND	+12V	+12V	GND

MB-864 (4/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_4

MB-864 (5/18)

HDS-X3700 : S/N 10001 and Higher

CN51

	G	A	B	C	D	E	F
1	GND	IND125A-	IND125A+	GND	IND61A-	IND61A+	GND
2	GND	IND94A+	IND94A-	GND	IND30A+	IND30A-	GND
3	GND	IND126A-	IND126A+	GND	IND62A-	IND62A+	GND
4	GND	GND	GND	GND	GND	GND	GND
5	GND	IND95A+	IND95A-	GND	IND31A+	IND31A-	GND
6	GND	IND127A-	IND127A+	GND	IND63A-	IND63A+	GND
7	GND	IND96A+	IND96A-	GND	IND32A+	IND32A-	GND
8	GND	IND128A-	IND128A+	GND	IND64A-	IND64A+	GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND	RSV3A+	RSV3A-	GND	RSV1A+	RSV1A-	GND
11	GND	RSV4A-	RSV4A+	GND	RSV2A-	RSV2A+	GND
12	GND			GND			GND

CN52

	G	A	B	C	D	E	F
1	GND	IND84A+	IND84A-	GND	IND20A+	IND20A-	GND
2	GND	IND116A-	IND116A+	GND	IND52A-	IND52A+	GND
3	GND	GND	GND	GND	GND	GND	GND
4	GND	IND85A+	IND85A-	GND	IND21A+	IND21A-	GND
5	GND	IND117A-	IND117A+	GND	IND53A-	IND53A+	GND
6	GND	IND86A+	IND86A-	GND	IND22A+	IND22A-	GND
7	GND	IND118A-	IND118A+	GND	IND54A-	IND54A+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	IND87A+	IND87A-	GND	IND23A+	IND23A-	GND
10	GND	IND119A-	IND119A+	GND	IND55A-	IND55A+	GND
11	GND	IND88A+	IND88A-	GND	IND24A+	IND24A-	GND
12	GND	IND120A-	IND120A+	GND	IND56A-	IND56A+	GND
13	GND	GND	GND	GND	GND	GND	GND
14	GND	IND89A+	IND89A-	GND	IND25A+	IND25A-	GND
15	GND	IND121A-	IND121A+	GND	IND57A-	IND57A+	GND
16	GND	IND90A+	IND90A-	GND	IND26A+	IND26A-	GND
17	GND	IND122A-	IND122A+	GND	IND58A-	IND58A+	GND
18	GND	GND	GND	GND	GND	GND	GND
19	GND	IND91A+	IND91A-	GND	IND27A+	IND27A-	GND
20	GND	IND123A-	IND123A+	GND	IND59A-	IND59A+	GND
21	GND	IND92A+	IND92A-	GND	IND28A+	IND28A-	GND
22	GND	IND124A-	IND124A+	GND	IND60A-	IND60A+	GND
23	GND	GND	GND	GND	GND	GND	GND
24	GND	IND93A+	IND93A-	GND	IND29A+	IND29A-	GND

CN53

	G	A	B	C	D	E	F
1	GND	GND	GND	GND	GND	GND	GND
2	GND	IND65A+	IND65A-	GND	IND1A+	IND1A-	GND
3	GND	IND97A-	IND97A+	GND	IND33A-	IND33A+	GND
4	GND	IND66A+	IND66A-	GND	IND2A+	IND2A-	GND
5	GND	IND98A-	IND98A+	GND	IND34A-	IND34A+	GND
6	GND	GND	GND	GND	GND	GND	GND
7	GND	IND67A+	IND67A-	GND	IND3A+	IND3A-	GND
8	GND	IND99A-	IND99A+	GND	IND35A-	IND35A+	GND
9	GND	IND68A+	IND68A-	GND	IND4A+	IND4A-	GND
10	GND	IND100A-	IND100A+	GND	IND36A-	IND36A+	GND
11	GND	GND	GND	GND	GND	GND	GND
12	GND	IND69A+	IND69A-	GND	IND5A+	IND5A-	GND
13	GND	IND101A-	IND101A+	GND	IND37A-	IND37A+	GND
14	GND	IND70A+	IND70A-	GND	IND6A+	IND6A-	GND
15	GND	IND102A-	IND102A+	GND	IND38A-	IND38A+	GND
16	GND	GND	GND	GND	GND	GND	GND
17	GND	IND71A+	IND71A-	GND	IND7A+	IND7A-	GND
18	GND	IND103A-	IND103A+	GND	IND39A-	IND39A+	GND
19	GND	IND72A+	IND72A-	GND	IND8A+	IND8A-	GND
20	GND	IND104A-	IND104A+	GND	IND40A-	IND40A+	GND
21	GND	GND	GND	GND	GND	GND	GND
22	GND	IND73A+	IND73A-	GND	IND9A+	IND9A-	GND
23	GND	IND105A-	IND105A+	GND	IND41A-	IND41A+	GND
24	GND	IND74A+	IND74A-	GND	IND10A+	IND10A-	GND
25	GND	IND106A-	IND106A+	GND	IND42A-	IND42A+	GND
26	GND	GND	GND	GND	GND	GND	GND
27	GND	IND75A+	IND75A-	GND	IND11A+	IND11A-	GND
28	GND	IND107A-	IND107A+	GND	IND43A-	IND43A+	GND
29	GND	IND76A+	IND76A-	GND	IND12A+	IND12A-	GND
30	GND	IND108A-	IND108A+	GND	IND44A-	IND44A+	GND
31	GND	GND	GND	GND	GND	GND	GND
32	GND	IND77A+	IND77A-	GND	IND13A+	IND13A-	GND
33	GND	IND109A-	IND109A+	GND	IND45A-	IND45A+	GND
34	GND	IND78A+	IND78A-	GND	IND14A+	IND14A-	GND
35	GND	IND110A-	IND110A+	GND	IND46A-	IND46A+	GND
36	GND	GND	GND	GND	GND	GND	GND
37	GND	IND79A+	IND79A-	GND	IND15A+	IND15A-	GND
38	GND	IND111A-	IND111A+	GND	IND47A-	IND47A+	GND
39	GND	IND80A+	IND80A-	GND	IND16A+	IND16A-	GND
40	GND	IND112A-	IND112A+	GND	IND48A-	IND48A+	GND
41	GND	GND	GND	GND	GND	GND	GND
42	GND	IND81A+	IND81A-	GND	IND17A+	IND17A-	GND
43	GND	IND113A-	IND113A+	GND	IND49A-	IND49A+	GND
44	GND	IND82A+	IND82A-	GND	IND18A+	IND18A-	GND
45	GND	IND114A-	IND114A+	GND	IND50A-	IND50A+	GND
46	GND	GND	GND	GND	GND	GND	GND
47	GND	IND83A+	IND83A-	GND	IND19A+	IND19A-	GND
48	GND	IND115A-	IND115A+	GND	IND51A-	IND51A+	GND

CN54

	G	A	B	C	D	E	F
1	GND	(IDI3)	(IDI2)	GND	(IDI1)	(IDI0)	GND
2	GND	(IDI7)	(IDI6)	GND	(IDI5)	(IDI4)	GND
3	GND	(MON11-)	(MON11+)	GND	GND	GND	GND
4	GND	(MXD16-)	(MXD16+)	GND	(MXD15-)	(MXD15+)	GND
5	GND	(MXD14-)	(MXD14+)	GND	(MXD13-)	(MXD13+)	GND
6	GND	(MXD12-)	(MXD12+)	GND	(MXD11-)	(MXD11+)	GND
7	GND	(MXD10-)	(MXD10+)	GND	(MXD9-)	(MXD9+)	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	(MXD8-)	(NXD8+)	GND	(MXD7-)	(MXD7+)	GND
10	GND	(MXD6-)	(MXD6+)	GND	(MXD5-)	(MXD5+)	GND
11	GND	(MXD4-)	(MXD4+)	GND	(MXD3-)	(MXD3+)	GND
12	GND	(MXD2-)	(MXD2+)	GND	(MXD1-)	(MXD1+)	GND

CN55

	G	A	B	C	D	E	F
1	GND	IDJ3	IDJ2	GND	IDJ1	IDJ0	GND
2	GND	IDJ7	IDJ6	GND	IDJ5	IDJ4	GND
3	GND	MON12-	MON12+	GND	GND	GND	GND
4	GND	MXD32-	MXD32+	GND	MXD31-	MXD31+	GND
5	GND	MXD30-	MXD30+	GND	MXD29-	MXD29+	GND
6	GND	MXD28-	MXD28+	GND	MXD27-	MXD27+	GND
7	GND	MXD26-	MXD26+	GND	MXD25-	MXD25+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	MXD24-	MXD24+	GND	MXD23-	MXD23+	GND
10	GND	MXD22-	MXD22+	GND	MXD21-	MXD21+	GND
11	GND	MXD20-	MXD20+	GND	MXD19-	MXD19+	GND
12	GND	MXD18-	MXD18+	GND	MXD17-	MXD17+	GND

CN56

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8			SYNC2	SYNC1
9				DCSENSE3
10				
11				
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20				
21				CS3
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN57

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3				
4	H3	G3	F3	E3
5	D3	C3	B3	A3
6			VRET32	VRET31

⚠ CN58

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

MB-864 (5/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_5

4-52

MB-864 (6/18)

HDS-X3700 : S/N 10001 and Higher

1
2
3
4
5

CN64

	G	A	B	C	D	E	F
1	GND	MXD18-	MXD18+	GND	MXD17-	MXD17+	GND
2	GND	MXD20-	MXD20+	GND	MXD19-	MXD19+	GND
3	GND	MXD22-	MXD22+	GND	MXD21-	MXD21+	GND
4	GND	MXD24-	MXD24+	GND	MXD23-	MXD23+	GND
5	GND	GND	GND	GND	GND	GND	GND
6	GND	MXD26-	MXD26+	GND	MXD25-	MXD25+	GND
7	GND	MXD28-	MXD28+	GND	MXD27-	MXD27+	GND
8	GND	MXD30-	MXD30+	GND	MXD29-	MXD29+	GND
9	GND	MXD32-	MXD32+	GND	MXD31-	MXD31+	GND
10	GND	MON12-	MON12+	GND	GND	GND	GND
11	GND	IDJ7	IDJ6	GND	IDJ5	IDJ4	GND
12	GND	IDJ3	IDJ2	GND	IDJ1	IDJ0	GND

⚠ CN67

	A	B	C	D
1				VRET32
2	D3	C3	B3	A3
3	H3	G3	F3	E3
4				
5	+12V	+12V	+12V	+12V
6	+12V	+12V	+12V	+12V
7	GND	+12V	+12V	GND
8	GND	+12V	+12V	GND
9	GND	+12V	+12V	GND
10	GND	+12V	+12V	GND
11	GND	+12V	+12V	GND
12	GND	+12V	+12V	GND

MB-864 (6/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_6

A B C D E F G H

HDS-X3700 : S/N 10001 and Higher

CN71

	G	A	B	C	D	E	F
1	GND	IND125B-	IND125B+	GND	IND61B-	IND61B+	GND
2	GND	IND94B+	IND94B-	GND	IND30B+	IND30B-	GND
3	GND	IND126B-	IND126B+	GND	IND62B-	IND62B+	GND
4	GND	GND	GND	GND	GND	GND	GND
5	GND	IND95B+	IND95B-	GND	IND31B+	IND31B-	GND
6	GND	IND127B-	IND127B+	GND	IND63B-	IND63B+	GND
7	GND	IND96B+	IND96B-	GND	IND32B+	IND32B-	GND
8	GND	IND128B-	IND128B+	GND	IND64B-	IND64B+	GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND	RSV3B+	RSV3B-	GND	RSV1B+	RSV1B-	GND
11	GND	RSV4B-	RSV4B+	GND	RSV2B-	RSV2B+	GND
12	GND			GND			GND

CN72

	G	A	B	C	D	E	F
1	GND	IND84B+	IND84B-	GND	IND20B+	IND20B-	GND
2	GND	IND116B-	IND116B+	GND	IND52B-	IND52B+	GND
3	GND	GND	GND	GND	GND	GND	GND
4	GND	IND85B+	IND85B-	GND	IND21B+	IND21B-	GND
5	GND	IND117B-	IND117B+	GND	IND53B-	IND53B+	GND
6	GND	IND86B+	IND86B-	GND	IND22B+	IND22B-	GND
7	GND	IND118B-	IND118B+	GND	IND54B-	IND54B+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	IND87B+	IND87B-	GND	IND23B+	IND23B-	GND
10	GND	IND119B-	IND119B+	GND	IND55B-	IND55B+	GND
11	GND	IND88B+	IND88B-	GND	IND24B+	IND24B-	GND
12	GND	IND120B-	IND120B+	GND	IND56B-	IND56B+	GND
13	GND	GND	GND	GND	GND	GND	GND
14	GND	IND89B+	IND89B-	GND	IND25B+	IND25B-	GND
15	GND	IND121B-	IND121B+	GND	IND57B-	IND57B+	GND
16	GND	IND90B+	IND90B-	GND	IND26B+	IND26B-	GND
17	GND	IND122B-	IND122B+	GND	IND58B-	IND58B+	GND
18	GND	GND	GND	GND	GND	GND	GND
19	GND	IND91B+	IND91B-	GND	IND27B+	IND27B-	GND
20	GND	IND123B-	IND123B+	GND	IND59B-	IND59B+	GND
21	GND	IND92B+	IND92B-	GND	IND28B+	IND28B-	GND
22	GND	IND124B-	IND124B+	GND	IND60B-	IND60B+	GND
23	GND	GND	GND	GND	GND	GND	GND
24	GND	IND93B+	IND93B-	GND	IND29B+	IND29B-	GND

CN73

	G	A	B	C	D	E	F
1	GND	GND	GND	GND	GND	GND	GND
2	GND	IND65B+	IND65B-	GND	IND1B+	IND1B-	GND
3	GND	IND97B-	IND97B+	GND	IND33B-	IND33B+	GND
4	GND	IND66B+	IND66B-	GND	IND2B+	IND2B-	GND
5	GND	IND98B-	IND98B+	GND	IND34B-	IND34B+	GND
6	GND	GND	GND	GND	GND	GND	GND
7	GND	IND67B+	IND67B-	GND	IND3B+	IND3B-	GND
8	GND	IND99B-	IND99B+	GND	IND35B-	IND35B+	GND
9	GND	IND68B+	IND68B-	GND	IND4B+	IND4B-	GND
10	GND	IND100B-	IND100B+	GND	IND36B-	IND36B+	GND
11	GND	GND	GND	GND	GND	GND	GND
12	GND	IND69B+	IND69B-	GND	IND5B+	IND5B-	GND
13	GND	IND101B-	IND101B+	GND	IND37B-	IND37B+	GND
14	GND	IND70B+	IND70B-	GND	IND6B+	IND6B-	GND
15	GND	IND102B-	IND102B+	GND	IND38B-	IND38B+	GND
16	GND	GND	GND	GND	GND	GND	GND
17	GND	IND71B+	IND71B-	GND	IND7B+	IND7B-	GND
18	GND	IND103B-	IND103B+	GND	IND39B-	IND39B+	GND
19	GND	IND72B+	IND72B-	GND	IND8B+	IND8B-	GND
20	GND	IND104B-	IND104B+	GND	IND40B-	IND40B+	GND
21	GND	GND	GND	GND	GND	GND	GND
22	GND	IND73B+	IND73B-	GND	IND9B+	IND9B-	GND
23	GND	IND105B-	IND105B+	GND	IND41B-	IND41B+	GND
24	GND	IND74B+	IND74B-	GND	IND10B+	IND10B-	GND
25	GND	IND106B-	IND106B+	GND	IND42B-	IND42B+	GND
26	GND	GND	GND	GND	GND	GND	GND
27	GND	IND75B+	IND75B-	GND	IND11B+	IND11B-	GND
28	GND	IND107B-	IND107B+	GND	IND43B-	IND43B+	GND
29	GND	IND76B+	IND76B-	GND	IND12B+	IND12B-	GND
30	GND	IND108B-	IND108B+	GND	IND44B-	IND44B+	GND
31	GND	GND	GND	GND	GND	GND	GND
32	GND	IND77B+	IND77B-	GND	IND13B+	IND13B-	GND
33	GND	IND109B-	IND109B+	GND	IND45B-	IND45B+	GND
34	GND	IND78B+	IND78B-	GND	IND14B+	IND14B-	GND
35	GND	IND110B-	IND110B+	GND	IND46B-	IND46B+	GND
36	GND	GND	GND	GND	GND	GND	GND
37	GND	IND79B+	IND79B-	GND	IND15B+	IND15B-	GND
38	GND	IND111B-	IND111B+	GND	IND47B-	IND47B+	GND
39	GND	IND80B+	IND80B-	GND	IND16B+	IND16B-	GND
40	GND	IND112B-	IND112B+	GND	IND48B-	IND48B+	GND
41	GND	GND	GND	GND	GND	GND	GND
42	GND	IND81B+	IND81B-	GND	IND17B+	IND17B-	GND
43	GND	IND113B-	IND113B+	GND	IND49B-	IND49B+	GND
44	GND	IND82B+	IND82B-	GND	IND18B+	IND18B-	GND
45	GND	IND114B-	IND114B+	GND	IND50B-	IND50B+	GND
46	GND	GND	GND	GND	GND	GND	GND
47	GND	IND83B+	IND83B-	GND	IND19B+	IND19B-	GND
48	GND	IND115B-	IND115B+	GND	IND51B-	IND51B+	GND

CN74

	G	A	B	C	D	E	F
1	GND	(IDK3)	(IDK2)	GND	(IDK1)	(IDK0)	GND
2	GND	(IDK7)	(IDK6)	GND	(IDK5)	(IDK4)	GND
3	GND	(MON21-)	(MON21+)	GND	GND	GND	GND
4	GND	(MXD48-)	(MXD48+)	GND	(MXD47-)	(MXD47+)	GND
5	GND	(MXD46-)	(MXD46+)	GND	(MXD45-)	(MXD45+)	GND
6	GND	(MXD44-)	(MXD44+)	GND	(MXD43-)	(MXD43+)	GND
7	GND	(MXD42-)	(MXD42+)	GND	(MXD41-)	(MXD41+)	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	(MXD40-)	(MXD40+)	GND	(MXD39-)	(MXD39+)	GND
10	GND	(MXD38-)	(MXD38+)	GND	(MXD37-)	(MXD37+)	GND
11	GND	(MXD36-)	(MXD36+)	GND	(MXD35-)	(MXD35+)	GND
12	GND	(MXD34-)	(MXD34+)	GND	(MXD33-)	(MXD33+)	GND

CN75

	G	A	B	C	D	E	F
1	GND	IDL3	IDL2	GND	IDL1	IDL0	GND
2	GND	IDL7	IDL6	GND	IDL5	IDL4	GND
3	GND	MON22-	MON22+	GND	GND	GND	GND
4	GND	MXD64-	MXD64+	GND	MXD63-	MXD63+	GND
5	GND	MXD62-	MXD62+	GND	MXD61-	MXD61+	GND
6	GND	MXD60-	MXD60+	GND	MXD59-	MXD59+	GND
7	GND	MXD58-	MXD58+	GND	MXD57-	MXD57+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	MXD56-	MXD56+	GND	MXD55-	MXD55+	GND
10	GND	MXD54-	MXD54+	GND	MXD53-	MXD53+	GND
11	GND	MXD52-	MXD52+	GND	MXD51-	MXD51+	GND
12	GND	MXD50-	MXD50+	GND	MXD49-	MXD49+	GND

CN76

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8			SYNC2	SYNC1
9				DCSENSE4
10				
11				
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20				
21				CS4
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN77

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3				
4	H4	G4	F4	E4
5	D4	C4	B4	A4
6			VRET42	VRET41

⚠ CN78

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

MB-864 (7/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_7

MB-864 (8/18)

HDS-X3700 : S/N 10001 and Higher

CN84

	G	A	B	C	D	E	F
1	GND	MXD50-	MXD50+	GND	MXD49-	MXD49+	GND
2	GND	MXD52-	MXD52+	GND	MXD51-	MXD51+	GND
3	GND	MXD54-	MXD54+	GND	MXD53-	MXD53+	GND
4	GND	MXD56-	MXD56+	GND	MXD55-	MXD55+	GND
5	GND	GND	GND	GND	GND	GND	GND
6	GND	MXD58-	MXD58+	GND	MXD57-	MXD57+	GND
7	GND	MXD60-	MXD60+	GND	MXD59-	MXD59+	GND
8	GND	MXD62-	MXD62+	GND	MXD61-	MXD61+	GND
9	GND	MXD64-	MXD64+	GND	MXD63-	MXD63+	GND
10	GND	MON22-	MON22+	GND	GND	GND	GND
11	GND	IDL7	IDL6	GND	IDL5	IDL4	GND
12	GND	IDL3	IDL2	GND	IDL1	IDL0	GND

⚠ CN87

	A	B	C	D
1				VRET42
2	D4	C4	B4	A4
3	H4	G4	F4	E4
4				
5	+12V	+12V	+12V	+12V
6	+12V	+12V	+12V	+12V
7	GND	+12V	+12V	GND
8	GND	+12V	+12V	GND
9	GND	+12V	+12V	GND
10	GND	+12V	+12V	GND
11	GND	+12V	+12V	GND
12	GND	+12V	+12V	GND

MB-864 (8/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_8

4-55

HDS-X3700 : S/N 10001 and Higher

CN91

	G	A	B	C	D	E	F
1	GND	IND125C-	IND125C+	GND	IND61C-	IND61C+	GND
2	GND	IND94C+	IND94C-	GND	IND30C+	IND30C-	GND
3	GND	IND126C-	IND126C+	GND	IND62C-	IND62C+	GND
4	GND	GND	GND	GND	GND	GND	GND
5	GND	IND95C+	IND95C-	GND	IND31C+	IND31C-	GND
6	GND	IND127C-	IND127C+	GND	IND63C-	IND63C+	GND
7	GND	IND96C+	IND96C-	GND	IND32C+	IND32C-	GND
8	GND	IND128C-	IND128C+	GND	IND64C-	IND64C+	GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND	RSV3C+	RSV3C-	GND	RSV1C+	RSV1C-	GND
11	GND	RSV4C-	RSV4C+	GND	RSV2C-	RSV2C+	GND
12	GND			GND			GND

CN92

	G	A	B	C	D	E	F
1	GND	IND84C+	IND84C-	GND	IND20C+	IND20C-	GND
2	GND	IND116C-	IND116C+	GND	IND52C-	IND52C+	GND
3	GND	GND	GND	GND	GND	GND	GND
4	GND	IND85C+	IND85C-	GND	IND21C+	IND21C-	GND
5	GND	IND117C-	IND117C+	GND	IND53C-	IND53C+	GND
6	GND	IND86C+	IND86C-	GND	IND22C+	IND22C-	GND
7	GND	IND118C-	IND118C+	GND	IND54C-	IND54C+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	IND87C+	IND87C-	GND	IND23C+	IND23C-	GND
10	GND	IND119C-	IND119C+	GND	IND55C-	IND55C+	GND
11	GND	IND88C+	IND88C-	GND	IND24C+	IND24C-	GND
12	GND	IND120C-	IND120C+	GND	IND56C-	IND56C+	GND
13	GND	GND	GND	GND	GND	GND	GND
14	GND	IND89C+	IND89C-	GND	IND25C+	IND25C-	GND
15	GND	IND121C-	IND121C+	GND	IND57C-	IND57C+	GND
16	GND	IND90C+	IND90C-	GND	IND26C+	IND26C-	GND
17	GND	IND122C-	IND122C+	GND	IND58C-	IND58C+	GND
18	GND	GND	GND	GND	GND	GND	GND
19	GND	IND91C+	IND91C-	GND	IND27C+	IND27C-	GND
20	GND	IND123C-	IND123C+	GND	IND59C-	IND59C+	GND
21	GND	IND92C+	IND92C-	GND	IND28C+	IND28C-	GND
22	GND	IND124C-	IND124C+	GND	IND60C-	IND60C+	GND
23	GND	GND	GND	GND	GND	GND	GND
24	GND	IND93C+	IND93C-	GND	IND29C+	IND29C-	GND

CN93

	G	A	B	C	D	E	F
1	GND	GND	GND	GND	GND	GND	GND
2	GND	IND65C+	IND65C-	GND	IND1C+	IND1C-	GND
3	GND	IND97C-	IND97C+	GND	IND33C-	IND33C+	GND
4	GND	IND66C+	IND66C-	GND	IND2C+	IND2C-	GND
5	GND	IND98C-	IND98C+	GND	IND34C-	IND34C+	GND
6	GND	GND	GND	GND	GND	GND	GND
7	GND	IND67C+	IND67C-	GND	IND3C+	IND3C-	GND
8	GND	IND99C-	IND99C+	GND	IND35C-	IND35C+	GND
9	GND	IND68C+	IND68C-	GND	IND4C+	IND4C-	GND
10	GND	IND100C-	IND100C+	GND	IND36C-	IND36C+	GND
11	GND	GND	GND	GND	GND	GND	GND
12	GND	IND69C+	IND69C-	GND	IND5C+	IND5C-	GND
13	GND	IND101C-	IND101C+	GND	IND37C-	IND37C+	GND
14	GND	IND70C+	IND70C-	GND	IND6C+	IND6C-	GND
15	GND	IND102C-	IND102C+	GND	IND38C-	IND38C+	GND
16	GND	GND	GND	GND	GND	GND	GND
17	GND	IND71C+	IND71C-	GND	IND7C+	IND7C-	GND
18	GND	IND103C-	IND103C+	GND	IND39C-	IND39C+	GND
19	GND	IND72C+	IND72C-	GND	IND8C+	IND8C-	GND
20	GND	IND104C-	IND104C+	GND	IND40C-	IND40C+	GND
21	GND	GND	GND	GND	GND	GND	GND
22	GND	IND73C+	IND73C-	GND	IND9C+	IND9C-	GND
23	GND	IND105C-	IND105C+	GND	IND41C-	IND41C+	GND
24	GND	IND74C+	IND74C-	GND	IND10C+	IND10C-	GND
25	GND	IND106C-	IND106C+	GND	IND42C-	IND42C+	GND
26	GND	GND	GND	GND	GND	GND	GND
27	GND	IND75C+	IND75C-	GND	IND11C+	IND11C-	GND
28	GND	IND107C-	IND107C+	GND	IND43C-	IND43C+	GND
29	GND	IND76C+	IND76C-	GND	IND12C+	IND12C-	GND
30	GND	IND108C-	IND108C+	GND	IND44C-	IND44C+	GND
31	GND	GND	GND	GND	GND	GND	GND
32	GND	IND77C+	IND77C-	GND	IND13C+	IND13C-	GND
33	GND	IND109C-	IND109C+	GND	IND45C-	IND45C+	GND
34	GND	IND78C+	IND78C-	GND	IND14C+	IND14C-	GND
35	GND	IND110C-	IND110C+	GND	IND46C-	IND46C+	GND
36	GND	GND	GND	GND	GND	GND	GND
37	GND	IND79C+	IND79C-	GND	IND15C+	IND15C-	GND
38	GND	IND111C-	IND111C+	GND	IND47C-	IND47C+	GND
39	GND	IND80C+	IND80C-	GND	IND16C+	IND16C-	GND
40	GND	IND112C-	IND112C+	GND	IND48C-	IND48C+	GND
41	GND	GND	GND	GND	GND	GND	GND
42	GND	IND81C+	IND81C-	GND	IND17C+	IND17C-	GND
43	GND	IND113C-	IND113C+	GND	IND49C-	IND49C+	GND
44	GND	IND82C+	IND82C-	GND	IND18C+	IND18C-	GND
45	GND	IND114C-	IND114C+	GND	IND50C-	IND50C+	GND
46	GND	GND	GND	GND	GND	GND	GND
47	GND	IND83C+	IND83C-	GND	IND19C+	IND19C-	GND
48	GND	IND115C-	IND115C+	GND	IND51C-	IND51C+	GND

CN94

	G	A	B	C	D	E	F
1	GND	(IDM3)	(IDM2)	GND	(IDM1)	(IDM0)	GND
2	GND	(IDM7)	(IDM6)	GND	(IDM5)	(IDM4)	GND
3	GND	(MON31-)	(MON31+)	GND	GND	GND	GND
4	GND	(MXD80-)	(MXD80+)	GND	(MXD79-)	(MXD79+)	GND
5	GND	(MXD78-)	(MXD78+)	GND	(MXD77-)	(MXD77+)	GND
6	GND	(MXD76-)	(MXD76+)	GND	(MXD75-)	(MXD75+)	GND
7	GND	(MXD74-)	(MXD74+)	GND	(MXD73-)	(MXD73+)	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	(MXD72-)	(MXD72+)	GND	(MXD71-)	(MXD71+)	GND
10	GND	(MXD70-)	(MXD70+)	GND	(MXD69-)	(MXD69+)	GND
11	GND	(MXD68-)	(MXD68+)	GND	(MXD67-)	(MXD67+)	GND
12	GND	(MXD66-)	(MXD66+)	GND	(MXD65-)	(MXD65+)	GND

CN95

	G	A	B	C	D	E	F
1	GND	IDN3	IDN2	GND	IDN1	IDN0	GND
2	GND	IDN7	IDN6	GND	IDN5	IDN4	GND
3	GND	MON32-	MON32+	GND	GND	GND	GND
4	GND	MXD96-	MXD96+	GND	MXD95-	MXD95+	GND
5	GND	MXD94-	MXD94+	GND	MXD93-	MXD93+	GND
6	GND	MXD92-	MXD92+	GND	MXD91-	MXD91+	GND
7	GND	MXD90-	MXD90+	GND	MXD89-	MXD89+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	MXD88-	MXD88+	GND	MXD87-	MXD87+	GND
10	GND	MXD86-	MXD86+	GND	MXD85-	MXD85+	GND
11	GND	MXD84-	MXD84+	GND	MXD83-	MXD83+	GND
12	GND	MXD82-	MXD82+	GND	MXD81-	MXD81+	GND

CN96

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8			SYNC2	SYNC1
9				DCSENSE5
10				
11				
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20				
21				CS5
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN97

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3				
4	H5	G5	F5	E5
5	D5	C5	B5	A5
6			VRET52	VRET51

⚠ CN98

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

MB-864 (9/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_9

http://getMANUAL.com

HDS-X3700 : S/N 10001 and Higher

CN104

	G	A	B	C	D	E	F
1	GND	MXD82-	MXD82+	GND	MXD81-	MXD81+	GND
2	GND	MXD84-	MXD84+	GND	MXD83-	MXD83+	GND
3	GND	MXD86-	MXD86+	GND	MXD85-	MXD85+	GND
4	GND	MXD88-	MXD88+	GND	MXD87-	MXD87+	GND
5	GND	GND	GND	GND	GND	GND	GND
6	GND	MXD90-	MXD90+	GND	MXD89-	MXD89+	GND
7	GND	MXD92-	MXD92+	GND	MXD91-	MXD91+	GND
8	GND	MXD94-	MXD94+	GND	MXD93-	MXD93+	GND
9	GND	MXD96-	MXD96+	GND	MXD95-	MXD95+	GND
10	GND	MON32-	MON32+	GND	GND	GND	GND
11	GND	IDN7	IDN6	GND	IDN5	IDN4	GND
12	GND	IDN3	IDN2	GND	IDN1	IDN0	GND

⚠ CN107

	A	B	C	D
1				VRET52
2	D5	C5	B5	A5
3	H5	G5	F5	E5
4				
5	+12V	+12V	+12V	+12V
6	+12V	+12V	+12V	+12V
7	GND	+12V	+12V	GND
8	GND	+12V	+12V	GND
9	GND	+12V	+12V	GND
10	GND	+12V	+12V	GND
11	GND	+12V	+12V	GND
12	GND	+12V	+12V	GND

MB-864 (10/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_10

HDS-X3700 : S/N 10001 and Higher

CN111

	G	A	B	C	D	E	F
1	GND	IND125D-	IND125D+	GND	IND61D-	IND61D+	GND
2	GND	IND94D+	IND94D-	GND	IND30D+	IND30D-	GND
3	GND	IND126D-	IND126D+	GND	IND62D-	IND62D+	GND
4	GND	GND	GND	GND	GND	GND	GND
5	GND	IND95D+	IND95D-	GND	IND31D+	IND31D-	GND
6	GND	IND127D-	IND127D+	GND	IND63D-	IND63D+	GND
7	GND	IND96D+	IND96D-	GND	IND32D+	IND32D-	GND
8	GND	IND128D-	IND128D+	GND	IND64D-	IND64D+	GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND	RSV3D+	RSV3D-	GND	RSV1D+	RSV1D-	GND
11	GND	RSV4D-	RSV4D+	GND	RSV2D-	RSV2D+	GND
12	GND			GND			GND

CN112

	G	A	B	C	D	E	F
1	GND	IND84D+	IND84D-	GND	IND20D+	IND20D-	GND
2	GND	IND116D-	IND116D+	GND	IND52D-	IND52D+	GND
3	GND	GND	GND	GND	GND	GND	GND
4	GND	IND85D+	IND85D-	GND	IND21D+	IND21D-	GND
5	GND	IND117D-	IND117D+	GND	IND53D-	IND53D+	GND
6	GND	IND86D+	IND86D-	GND	IND22D+	IND22D-	GND
7	GND	IND118D-	IND118D+	GND	IND54D-	IND54D+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	IND87D+	IND87D-	GND	IND23D+	IND23D-	GND
10	GND	IND119D-	IND119D+	GND	IND55D-	IND55D+	GND
11	GND	IND88D+	IND88D-	GND	IND24D+	IND24D-	GND
12	GND	IND120D-	IND120D+	GND	IND56D-	IND56D+	GND
13	GND	GND	GND	GND	GND	GND	GND
14	GND	IND89D+	IND89D-	GND	IND25D+	IND25D-	GND
15	GND	IND121D-	IND121D+	GND	IND57D-	IND57D+	GND
16	GND	IND90D+	IND90D-	GND	IND26D+	IND26D-	GND
17	GND	IND122D-	IND122D+	GND	IND58D-	IND58D+	GND
18	GND	GND	GND	GND	GND	GND	GND
19	GND	IND91D+	IND91D-	GND	IND27D+	IND27D-	GND
20	GND	IND123D-	IND123D+	GND	IND59D-	IND59D+	GND
21	GND	IND92D+	IND92D-	GND	IND28D+	IND28D-	GND
22	GND	IND124D-	IND124D+	GND	IND60D-	IND60D+	GND
23	GND	GND	GND	GND	GND	GND	GND
24	GND	IND93D+	IND93D-	GND	IND29D+	IND29D-	GND

CN113

	G	A	B	C	D	E	F
1	GND	GND	GND	GND	GND	GND	GND
2	GND	IND65D+	IND65D-	GND	IND1D+	IND1D-	GND
3	GND	IND97D-	IND97D+	GND	IND33D-	IND33D+	GND
4	GND	IND66D+	IND66D-	GND	IND2D+	IND2D-	GND
5	GND	IND98D-	IND98D+	GND	IND34D-	IND34D+	GND
6	GND	GND	GND	GND	GND	GND	GND
7	GND	IND67D+	IND67D-	GND	IND3D+	IND3D-	GND
8	GND	IND99D-	IND99D+	GND	IND35D-	IND35D+	GND
9	GND	IND68D+	IND68D-	GND	IND4D+	IND4D-	GND
10	GND	IND100D-	IND100D+	GND	IND36D-	IND36D+	GND
11	GND	GND	GND	GND	GND	GND	GND
12	GND	IND69D+	IND69D-	GND	IND5D+	IND5D-	GND
13	GND	IND101D-	IND101D+	GND	IND37D-	IND37D+	GND
14	GND	IND70D+	IND70D-	GND	IND6D+	IND6D-	GND
15	GND	IND102D-	IND102D+	GND	IND38D-	IND38D+	GND
16	GND	GND	GND	GND	GND	GND	GND
17	GND	IND71D+	IND71D-	GND	IND7D+	IND7D-	GND
18	GND	IND103D-	IND103D+	GND	IND39D-	IND39D+	GND
19	GND	IND72D+	IND72D-	GND	IND8D+	IND8D-	GND
20	GND	IND104D-	IND104D+	GND	IND40D-	IND40D+	GND
21	GND	GND	GND	GND	GND	GND	GND
22	GND	IND73D+	IND73D-	GND	IND9D+	IND9D-	GND
23	GND	IND105D-	IND105D+	GND	IND41D-	IND41D+	GND
24	GND	IND74D+	IND74D-	GND	IND10D+	IND10D-	GND
25	GND	IND106D-	IND106D+	GND	IND42D-	IND42D+	GND
26	GND	GND	GND	GND	GND	GND	GND
27	GND	IND75D+	IND75D-	GND	IND11D+	IND11D-	GND
28	GND	IND107D-	IND107D+	GND	IND43D-	IND43D+	GND
29	GND	IND76D+	IND76D-	GND	IND12D+	IND12D-	GND
30	GND	IND108D-	IND108D+	GND	IND44D-	IND44D+	GND
31	GND	GND	GND	GND	GND	GND	GND
32	GND	IND77D+	IND77D-	GND	IND13D+	IND13D-	GND
33	GND	IND109D-	IND109D+	GND	IND45D-	IND45D+	GND
34	GND	IND78D+	IND78D-	GND	IND14D+	IND14D-	GND
35	GND	IND110D-	IND110D+	GND	IND46D-	IND46D+	GND
36	GND	GND	GND	GND	GND	GND	GND
37	GND	IND79D+	IND79D-	GND	IND15D+	IND15D-	GND
38	GND	IND111D-	IND111D+	GND	IND47D-	IND47D+	GND
39	GND	IND80D+	IND80D-	GND	IND16D+	IND16D-	GND
40	GND	IND112D-	IND112D+	GND	IND48D-	IND48D+	GND
41	GND	GND	GND	GND	GND	GND	GND
42	GND	IND81D+	IND81D-	GND	IND17D+	IND17D-	GND
43	GND	IND113D-	IND113D+	GND	IND49D-	IND49D+	GND
44	GND	IND82D+	IND82D-	GND	IND18D+	IND18D-	GND
45	GND	IND114D-	IND114D+	GND	IND50D-	IND50D+	GND
46	GND	GND	GND	GND	GND	GND	GND
47	GND	IND83D+	IND83D-	GND	IND19D+	IND19D-	GND
48	GND	IND115D-	IND115D+	GND	IND51D-	IND51D+	GND

CN114

	G	A	B	C	D	E	F
1	GND	(ID03)	(ID02)	GND	(ID01)	(ID00)	GND
2	GND	(ID07)	(ID06)	GND	(ID05)	(ID04)	GND
3	GND	(MON41-)	(MON41+)	GND	GND	GND	GND
4	GND	(MXD112-)	(MXD112+)	GND	(MXD111-)	(MXD111+)	GND
5	GND	(MXD110-)	(MXD110+)	GND	(MXD109-)	(MXD109+)	GND
6	GND	(MXD108-)	(MXD108+)	GND	(MXD107-)	(MXD107+)	GND
7	GND	(MXD106-)	(MXD106+)	GND	(MXD105-)	(MXD105+)	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	(MXD104-)	(MXD104+)	GND	(MXD103-)	(MXD103+)	GND
10	GND	(MXD102-)	(MXD102+)	GND	(MXD101-)	(MXD101+)	GND
11	GND	(MXD100-)	(MXD100+)	GND	(MXD99-)	(MXD99+)	GND
12	GND	(MXD98-)	(MXD98+)	GND	(MXD97-)	(MXD97+)	GND

CN115

	G	A	B	C	D	E	F
1	GND	IDP3	IDP2	GND	IDP1	IDP0	GND
2	GND	IDP7	IDP6	GND	IDP5	IDP4	GND
3	GND	MON42-	MON42+	GND	GND	GND	GND
4	GND	MXD128-	MXD128+	GND	MXD127-	MXD127+	GND
5	GND	MXD126-	MXD126+	GND	MXD125-	MXD125+	GND
6	GND	MXD124-	MXD124+	GND	MXD123-	MXD123+	GND
7	GND	MXD122-	MXD122+	GND	MXD121-	MXD121+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	MXD120-	MXD120+	GND	MXD119-	MXD119+	GND
10	GND	MXD118-	MXD118+	GND	MXD117-	MXD117+	GND
11	GND	MXD116-	MXD116+	GND	MXD115-	MXD115+	GND
12	GND	MXD114-	MXD114+	GND	MXD113-	MXD113+	GND

CN116

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8			SYNC2	SYNC1
9				DCSENSE6
10				
11				
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20				
21				CS6
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN117

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3				
4	H6	G6	F6	E6
5	D6	C6	B6	A6
6			VRET62	VRET61

⚠ CN118

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

MB-864 (11/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_11

HDS-X3700 : S/N 10001 and Higher

CN124

	G	A	B	C	D	E	F
1	GND	MXD114-	MXD114+	GND	MXD113-	MXD113+	GND
2	GND	MXD116-	MXD116+	GND	MXD115-	MXD115+	GND
3	GND	MXD118-	MXD118+	GND	MXD117-	MXD117+	GND
4	GND	MXD120-	MXD120+	GND	MXD119-	MXD119+	GND
5	GND	GND	GND	GND	GND	GND	GND
6	GND	MXD122-	MXD122+	GND	MXD121-	MXD121+	GND
7	GND	MXD124-	MXD124+	GND	MXD123-	MXD123+	GND
8	GND	MXD126-	MXD126+	GND	MXD125-	MXD125+	GND
9	GND	MXD128-	MXD128+	GND	MXD127-	MXD127+	GND
10	GND	MON42-	MON42+	GND	GND	GND	GND
11	GND	IDP7	IDP6	GND	IDP5	IDP4	GND
12	GND	IDP3	IDP2	GND	IDP1	IDP0	GND

⚠ CN127

	A	B	C	D
1				VRET62
2	D6	C6	B6	A6
3	H6	G6	F6	E6
4				
5	+12V	+12V	+12V	+12V
6	+12V	+12V	+12V	+12V
7	GND	+12V	+12V	GND
8	GND	+12V	+12V	GND
9	GND	+12V	+12V	GND
10	GND	+12V	+12V	GND
11	GND	+12V	+12V	GND
12	GND	+12V	+12V	GND

MB-864 (12/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_12

HDS-X3700 : S/N 10001 and Higher

CN131

	G	A	B	C	D	E	F
1	GND	IND93D+	IND93D-	GND	IND93C+	IND93C-	GND
2	GND	IND94B-	IND94B+	GND	IND94A-	IND94A+	GND
3	GND	IND94D+	IND94D-	GND	IND94C+	IND94C-	GND
4	GND	GND	GND	GND	GND	GND	GND
5	GND	IND95B-	IND95B+	GND	IND95A-	IND95A+	GND
6	GND	IND95D+	IND95D-	GND	IND95C+	IND95C-	GND
7	GND	IND96B-	IND96B+	GND	IND96A-	IND96A+	GND
8	GND	IND96D+	IND96D-	GND	IND96C+	IND96C-	GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND	RSV3B-	RSV3B+	GND	RSV3A-	RSV3A+	GND
11	GND	RSV3D+	RSV3D-	GND	RSV3C+	RSV3C-	GND
12	GND			GND			GND

CN132

	G	A	B	C	D	E	F
1	GND	IND84B-	IND84B+	GND	IND84A-	IND84A+	GND
2	GND	IND84D+	IND84D-	GND	IND84C+	IND84C-	GND
3	GND	GND	GND	GND	GND	GND	GND
4	GND	IND85B-	IND85B+	GND	IND85A-	IND85A+	GND
5	GND	IND85D+	IND85D-	GND	IND85C+	IND85C-	GND
6	GND	IND86B-	IND86B+	GND	IND86A-	IND86A+	GND
7	GND	IND86D+	IND86D-	GND	IND86C+	IND86C-	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	IND87B-	IND87B+	GND	IND87A-	IND87A+	GND
10	GND	IND87D+	IND87D-	GND	IND87C+	IND87C-	GND
11	GND	IND88B-	IND88B+	GND	IND88A-	IND88A+	GND
12	GND	IND88D+	IND88D-	GND	IND88C+	IND88C-	GND
13	GND	GND	GND	GND	GND	GND	GND
14	GND	IND89B-	IND89B+	GND	IND89A-	IND89A+	GND
15	GND	IND89D+	IND89D-	GND	IND89C+	IND89C-	GND
16	GND	IND90B-	IND90B+	GND	IND90A-	IND90A+	GND
17	GND	IND90D+	IND90D-	GND	IND90C+	IND90C-	GND
18	GND	GND	GND	GND	GND	GND	GND
19	GND	IND91B-	IND91B+	GND	IND91A-	IND91A+	GND
20	GND	IND91D+	IND91D-	GND	IND91C+	IND91C-	GND
21	GND	IND92B-	IND92B+	GND	IND92A-	IND92A+	GND
22	GND	IND92D+	IND92D-	GND	IND92C+	IND92C-	GND
23	GND	GND	GND	GND	GND	GND	GND
24	GND	IND93B-	IND93B+	GND	IND93A-	IND93A+	GND

CN133

	G	A	B	C	D	E	F
1	GND	GND	GND	GND	GND	GND	GND
2	GND	IND65B-	IND65B+	GND	IND65A-	IND65A+	GND
3	GND	IND65D+	IND65D-	GND	IND65C+	IND65C-	GND
4	GND	IND66B-	IND66B+	GND	IND66A-	IND66A+	GND
5	GND	IND66D+	IND66D-	GND	IND66C+	IND66C-	GND
6	GND	GND	GND	GND	GND	GND	GND
7	GND	IND67B-	IND67B+	GND	IND67A-	IND67A+	GND
8	GND	IND67D+	IND67D-	GND	IND67C+	IND67C-	GND
9	GND	IND68B-	IND68B+	GND	IND68A-	IND68A+	GND
10	GND	IND68D+	IND68D-	GND	IND68C+	IND68C-	GND
11	GND	GND	GND	GND	GND	GND	GND
12	GND	IND69B-	IND69B+	GND	IND69A-	IND69A+	GND
13	GND	IND69D+	IND69D-	GND	IND69C+	IND69C-	GND
14	GND	IND70B-	IND70B+	GND	IND70A-	IND70A+	GND
15	GND	IND70D+	IND70D-	GND	IND70C+	IND70C-	GND
16	GND	GND	GND	GND	GND	GND	GND
17	GND	IND71B-	IND71B+	GND	IND71A-	IND71A+	GND
18	GND	IND71D+	IND71D-	GND	IND71C+	IND71C-	GND
19	GND	IND72B-	IND72B+	GND	IND72A-	IND72A+	GND
20	GND	IND72D+	IND72D-	GND	IND72C+	IND72C-	GND
21	GND	GND	GND	GND	GND	GND	GND
22	GND	IND73B-	IND73B+	GND	IND73A-	IND73A+	GND
23	GND	IND73D+	IND73D-	GND	IND73C+	IND73C-	GND
24	GND	IND74B-	IND74B+	GND	IND74A-	IND74A+	GND
25	GND	IND74D+	IND74D-	GND	IND74C+	IND74C-	GND
26	GND	GND	GND	GND	GND	GND	GND
27	GND	IND75B-	IND75B+	GND	IND75A-	IND75A+	GND
28	GND	IND75D+	IND75D-	GND	IND75C+	IND75C-	GND
29	GND	IND76B-	IND76B+	GND	IND76A-	IND76A+	GND
30	GND	IND76D+	IND76D-	GND	IND76C+	IND76C-	GND
31	GND	GND	GND	GND	GND	GND	GND
32	GND	IND77B-	IND77B+	GND	IND77A-	IND77A+	GND
33	GND	IND77D+	IND77D-	GND	IND77C+	IND77C-	GND
34	GND	IND78B-	IND78B+	GND	IND78A-	IND78A+	GND
35	GND	IND78D+	IND78D-	GND	IND78C+	IND78C-	GND
36	GND	GND	GND	GND	GND	GND	GND
37	GND	IND79B-	IND79B+	GND	IND79A-	IND79A+	GND
38	GND	IND79D+	IND79D-	GND	IND79C+	IND79C-	GND
39	GND	IND80B-	IND80B+	GND	IND80A-	IND80A+	GND
40	GND	IND80D+	IND80D-	GND	IND80C+	IND80C-	GND
41	GND	GND	GND	GND	GND	GND	GND
42	GND	IND81B-	IND81B+	GND	IND81A-	IND81A+	GND
43	GND	IND81D+	IND81D-	GND	IND81C+	IND81C-	GND
44	GND	IND82B-	IND82B+	GND	IND82A-	IND82A+	GND
45	GND	IND82D+	IND82D-	GND	IND82C+	IND82C-	GND
46	GND	GND	GND	GND	GND	GND	GND
47	GND	IND83B-	IND83B+	GND	IND83A-	IND83A+	GND
48	GND	IND83D+	IND83D-	GND	IND83C+	IND83C-	GND

CN134

	G	A	B	C	D	E	F
1	GND	(IDE3)	(IDE2)	GND	(IDE1)	(IDE0)	GND
2	GND	(IDE7)	(IDE6)	GND	(IDE5)	(IDE4)	GND
3	GND			GND	GND	GND	GND
4	GND	(EQD80-)	(EQD80+)	GND	(EQD79-)	(EQD79+)	GND
5	GND	(EQD78-)	(EQD78+)	GND	(EQD77-)	(EQD77+)	GND
6	GND	(EQD76-)	(EQD76+)	GND	(EQD75-)	(EQD75+)	GND
7	GND	(EQD74-)	(EQD74+)	GND	(EQD73-)	(EQD73+)	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	(EQD72-)	(EQD72+)	GND	(EQD71-)	(EQD71+)	GND
10	GND	(EQD70-)	(EQD70+)	GND	(EQD69-)	(EQD69+)	GND
11	GND	(EQD68-)	(EQD68+)	GND	(EQD67-)	(EQD67+)	GND
12	GND	(EQD66-)	(EQD66+)	GND	(EQD65-)	(EQD65+)	GND

CN135

	G	A	B	C	D	E	F
1	GND	IDF3	IDF2	GND	IDF1	IDF0	GND
2	GND	IDF7	IDF6	GND	IDF5	IDF4	GND
3	GND			GND	GND	GND	GND
4	GND	EQD96-	EQD96+	GND	EQD95-	EQD95+	GND
5	GND	EQD94-	EQD94+	GND	EQD93-	EQD93+	GND
6	GND	EQD92-	EQD92+	GND	EQD91-	EQD91+	GND
7	GND	EQD90-	EQD90+	GND	EQD89-	EQD89+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	EQD88-	EQD88+	GND	EQD87-	EQD87+	GND
10	GND	EQD86-	EQD86+	GND	EQD85-	EQD85+	GND
11	GND	EQD84-	EQD84+	GND	EQD83-	EQD83+	GND
12	GND	EQD82-	EQD82+	GND	EQD81-	EQD81+	GND

CN136

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8			SYNC2	SYNC1
9				DCSENSE7
10				
11				
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20				
21				CS7
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN137

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3				
4	H7	G7	F7	E7
5	D7	C7	B7	A7
6			VRET72	VRET71

⚠ CN138

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

MB-864 (13/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_13

HDS-X3700 : S/N 10001 and Higher

CN141

	G	A	B	C	D	E	F
1	GND	FANFAIL3	FANFAIL2	GND	FANFAIL1		GND
2	GND	DCFAIL1	DCFAIL0	GND	P1-EXIST	P0-EXIST	GND
3	GND			GND	WSDETECT2	WSDETECT1	GND
4	GND	NC (BACKUP)	GND (MX-SIZE2)	GND	GND (MX-SIZE1)	NC (MX-SIZE0)	GND
5	GND			GND			GND
6	GND	CPURX-	CPURX+	GND	CPUTX-	CPUTX+	GND
7	GND			GND			GND
8	GND			GND			GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND			GND			GND
11	GND			GND		DTEN	GND
12	GND	OEIN	OUTEN	GND	AEIN	ACTEN	GND

CN144

	G	A	B	C	D	E	F
1	GND	EQD82-	EQD82+	GND	EQD81-	EQD81+	GND
2	GND	EQD84-	EQD84+	GND	EQD83-	EQD83+	GND
3	GND	EQD86-	EQD86+	GND	EQD85-	EQD85+	GND
4	GND	EQD88-	EQD88+	GND	EQD87-	EQD87+	GND
5	GND	GND	GND	GND	GND	GND	GND
6	GND	EQD90-	EQD90+	GND	EQD89-	EQD89+	GND
7	GND	EQD92-	EQD92+	GND	EQD91-	EQD91+	GND
8	GND	EQD94-	EQD94+	GND	EQD93-	EQD93+	GND
9	GND	EQD96-	EQD96+	GND	EQD95-	EQD95+	GND
10	GND			GND	GND	GND	GND
11	GND	IDF7	IDF6	GND	IDF5	IDF4	GND
12	GND	IDF3	IDF2	GND	IDF1	IDF0	GND

CN146

	A	B	C	D
1	CTS	RTS	DCD	DTR
2	RELAYB-1	RELAYA-1	232RX	232TX
3	422RX2-	422TX2-	422RX1-	422TX1-
4	422RX2+	422TX2+	422RX1+	422TX1+
5	E4-TDB-1	E3-TDA-1	E2-RDB-1	E1-RDA-1
6	M-S-BUS	S-BUS3	S-BUS2	S-BUS1
7		R-LED	G-LED	GND (S-BUSG)
8	HD2	HD1	SYNC2	SYNC1
9	VD2	VD1	EVENODD2	EVENODD1
10	DCSENSE8	DCSENSE7	DCSENSE6	DCSENSE5
11	DCSENSE4	DCSENSE3	DCSENSE2	DCSENSE1
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20	CS8	CS7	CS6	CS5
21	CS4	CS3	CS2	CS1
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN147

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3	RELAYB-2	RELAYA-2	FANFAIL6	FANFAIL5
4	H7	G7	F7	E7
5	D7	C7	B7	A7
6	RSV9	RSV8	FANFAIL4	VRET72

⚠ CN148

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

MB-864 (14/18)
BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_14

HDS-X3700 : S/N 10001 and Higher

CN151

	G	A	B	C	D	E	F
1	GND	IND125D+	IND125D-	GND	IND125C+	IND125C-	GND
2	GND	IND126B-	IND126B+	GND	IND126A-	IND126A+	GND
3	GND	IND126D+	IND126D-	GND	IND126C+	IND126C-	GND
4	GND	GND	GND	GND	GND	GND	GND
5	GND	IND127B-	IND127B+	GND	IND127A-	IND127A+	GND
6	GND	IND127D+	IND127D-	GND	IND127C+	IND127C-	GND
7	GND	IND128B-	IND128B+	GND	IND128A-	IND128A+	GND
8	GND	IND128D+	IND128D-	GND	IND128C+	IND128C-	GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND	RSV4B-	RSV4B+	GND	RSV4A-	RSV4A+	GND
11	GND	RSV4D+	RSV4D-	GND	RSV4C+	RSV4C-	GND
12	GND			GND			GND

CN152

	G	A	B	C	D	E	F
1	GND	IND116B-	IND116B+	GND	IND116A-	IND116A+	GND
2	GND	IND116D+	IND116D-	GND	IND116C+	IND116C-	GND
3	GND	GND	GND	GND	GND	GND	GND
4	GND	IND117B-	IND117B+	GND	IND117A-	IND117A+	GND
5	GND	IND117D+	IND117D-	GND	IND117C+	IND117C-	GND
6	GND	IND118B-	IND118B+	GND	IND118A-	IND118A+	GND
7	GND	IND118D+	IND118D-	GND	IND118C+	IND118C-	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	IND119B-	IND119B+	GND	IND119A-	IND119A+	GND
10	GND	IND119D+	IND119D-	GND	IND119C+	IND119C-	GND
11	GND	IND120B-	IND120B+	GND	IND120A-	IND120A+	GND
12	GND	IND120D+	IND120D-	GND	IND120C+	IND120C-	GND
13	GND	GND	GND	GND	GND	GND	GND
14	GND	IND121B-	IND121B+	GND	IND121A-	IND121A+	GND
15	GND	IND121D+	IND121D-	GND	IND121C+	IND121C-	GND
16	GND	IND122B-	IND122B+	GND	IND122A-	IND122A+	GND
17	GND	IND122D+	IND122D-	GND	IND122C+	IND122C-	GND
18	GND	GND	GND	GND	GND	GND	GND
19	GND	IND123B-	IND123B+	GND	IND123A-	IND123A+	GND
20	GND	IND123D+	IND123D-	GND	IND123C+	IND123C-	GND
21	GND	IND124B-	IND124B+	GND	IND124A-	IND124A+	GND
22	GND	IND124D+	IND124D-	GND	IND124C+	IND124C-	GND
23	GND	GND	GND	GND	GND	GND	GND
24	GND	IND125B-	IND125B+	GND	IND125A-	IND125A+	GND

CN153

	G	A	B	C	D	E	F
1	GND	GND	GND	GND	GND	GND	GND
2	GND	IND97B-	IND97B+	GND	IND97A-	IND97A+	GND
3	GND	IND97D+	IND97D-	GND	IND97C+	IND97C-	GND
4	GND	IND98B-	IND98B+	GND	IND98A-	IND98A+	GND
5	GND	IND98D+	IND98D-	GND	IND98C+	IND98C-	GND
6	GND	GND	GND	GND	GND	GND	GND
7	GND	IND99B-	IND99B+	GND	IND99A-	IND99A+	GND
8	GND	IND99D+	IND99D-	GND	IND99C+	IND99C-	GND
9	GND	IND100B-	IND100B+	GND	IND100A-	IND100A+	GND
10	GND	IND100D+	IND100D-	GND	IND100C+	IND100C-	GND
11	GND	GND	GND	GND	GND	GND	GND
12	GND	IND101B-	IND101B+	GND	IND101A-	IND101A+	GND
13	GND	IND101D+	IND101D-	GND	IND101C+	IND101C-	GND
14	GND	IND102B-	IND102B+	GND	IND102A-	IND102A+	GND
15	GND	IND102D+	IND102D-	GND	IND102C+	IND102C-	GND
16	GND	GND	GND	GND	GND	GND	GND
17	GND	IND103B-	IND103B+	GND	IND103A-	IND103A+	GND
18	GND	IND103D+	IND103D-	GND	IND103C+	IND103C-	GND
19	GND	IND104B-	IND104B+	GND	IND104A-	IND104A+	GND
20	GND	IND104D+	IND104D-	GND	IND104C+	IND104C-	GND
21	GND	GND	GND	GND	GND	GND	GND
22	GND	IND105B-	IND105B+	GND	IND105A-	IND105A+	GND
23	GND	IND105D+	IND105D-	GND	IND105C+	IND105C-	GND
24	GND	IND106B-	IND106B+	GND	IND106A-	IND106A+	GND
25	GND	IND106D+	IND106D-	GND	IND106C+	IND106C-	GND
26	GND	GND	GND	GND	GND	GND	GND
27	GND	IND107B-	IND107B+	GND	IND107A-	IND107A+	GND
28	GND	IND107D+	IND107D-	GND	IND107C+	IND107C-	GND
29	GND	IND108B-	IND108B+	GND	IND108A-	IND108A+	GND
30	GND	IND108D+	IND108D-	GND	IND108C+	IND108C-	GND
31	GND	GND	GND	GND	GND	GND	GND
32	GND	IND109B-	IND109B+	GND	IND109A-	IND109A+	GND
33	GND	IND109D+	IND109D-	GND	IND109C+	IND109C-	GND
34	GND	IND110B-	IND110B+	GND	IND110A-	IND110A+	GND
35	GND	IND110D+	IND110D-	GND	IND110C+	IND110C-	GND
36	GND	GND	GND	GND	GND	GND	GND
37	GND	IND111B-	IND111B+	GND	IND111A-	IND111A+	GND
38	GND	IND111D+	IND111D-	GND	IND111C+	IND111C-	GND
39	GND	IND112B-	IND112B+	GND	IND112A-	IND112A+	GND
40	GND	IND112D+	IND112D-	GND	IND112C+	IND112C-	GND
41	GND	GND	GND	GND	GND	GND	GND
42	GND	IND113B-	IND113B+	GND	IND113A-	IND113A+	GND
43	GND	IND113D+	IND113D-	GND	IND113C+	IND113C-	GND
44	GND	IND114B-	IND114B+	GND	IND114A-	IND114A+	GND
45	GND	IND114D+	IND114D-	GND	IND114C+	IND114C-	GND
46	GND	GND	GND	GND	GND	GND	GND
47	GND	IND115B-	IND115B+	GND	IND115A-	IND115A+	GND
48	GND	IND115D+	IND115D-	GND	IND115C+	IND115C-	GND

CN154

	G	A	B	C	D	E	F
1	GND	(IDG3)	(IDG2)	GND	(IDG1)	(IDG0)	GND
2	GND	(IDG7)	(IDG6)	GND	(IDG5)	(IDG4)	GND
3	GND			GND	GND	GND	GND
4	GND	(EQD112-)	(EQD112+)	GND	(EQD111-)	(EQD111+)	GND
5	GND	(EQD110-)	(EQD110+)	GND	(EQD109-)	(EQD109+)	GND
6	GND	(EQD108-)	(EQD108+)	GND	(EQD107-)	(EQD107+)	GND
7	GND	(EQD106-)	(EQD106+)	GND	(EQD105-)	(EQD105+)	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	(EQD104-)	(EQD104+)	GND	(EQD103-)	(EQD103+)	GND
10	GND	(EQD102-)	(EQD102+)	GND	(EQD101-)	(EQD101+)	GND
11	GND	(EQD100-)	(EQD100+)	GND	(EQD99-)	(EQD99+)	GND
12	GND	(EQD98-)	(EQD98+)	GND	(EQD97-)	(EQD97+)	GND

CN155

	G	A	B	C	D	E	F
1	GND	IDH3	IDH2	GND	IDH1	IDH0	GND
2	GND	IDH7	IDH6	GND	IDH5	IDH4	GND
3	GND			GND	GND	GND	GND
4	GND	EQD128-	EQD128+	GND	EQD127-	EQD127+	GND
5	GND	EQD126-	EQD126+	GND	EQD125-	EQD125+	GND
6	GND	EQD124-	EQD124+	GND	EQD123-	EQD123+	GND
7	GND	EQD122-	EQD122+	GND	EQD121-	EQD121+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	EQD120-	EQD120+	GND	EQD119-	EQD119+	GND
10	GND	EQD118-	EQD118+	GND	EQD117-	EQD117+	GND
11	GND	EQD116-	EQD116+	GND	EQD115-	EQD115+	GND
12	GND	EQD114-	EQD114+	GND	EQD113-	EQD113+	GND

CN156

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8			SYNC2	SYNC1
9				DCSENSE8
10				
11				
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20				
21				CS8
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN157

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3				
4	H8	G8	F8	E8
5	D8	C8	B8	A8
6			VRET82	VRET81

⚠ CN158

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

MB-864 (15/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_15

MB-864 (16/18)

HDS-X3700 : S/N 10001 and Higher

CN161

	G	A	B	C	D	E	F
1	GND	FANFAIL3	FANFAIL2	GND	FANFAIL1		GND
2	GND	DCFAIL1	DCFAIL0	GND	P1-EXIST	P0-EXIST	GND
3	GND			GND	WSDETECT2	WSDETECT1	GND
4	GND	GND (MAIN)	GND (MX-SIZE2)	GND	GND (MX-SIZE1)	NC (MX-SIZE0)	GND
5	GND			GND			GND
6	GND	CPUTX-	CPUTX+	GND	CPURX-	CPURX+	GND
7	GND			GND			GND
8	GND			GND			GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND			GND			GND
11	GND			GND		DTEN	GND
12	GND	OUTEN	OEIN	GND	ACTEN	AEIN	GND

CN164

	G	A	B	C	D	E	F
1	GND	EQD114-	EQD114+	GND	EQD113-	EQD113+	GND
2	GND	EQD116-	EQD116+	GND	EQD115-	EQD115+	GND
3	GND	EQD118-	EQD118+	GND	EQD117-	EQD117+	GND
4	GND	EQD120-	EQD120+	GND	EQD119-	EQD119+	GND
5	GND	GND	GND	GND	GND	GND	GND
6	GND	EQD122-	EQD122+	GND	EQD121-	EQD121+	GND
7	GND	EQD124-	EQD124+	GND	EQD123-	EQD123+	GND
8	GND	EQD126-	EQD126+	GND	EQD125-	EQD125+	GND
9	GND	EQD128-	EQD128+	GND	EQD127-	EQD127+	GND
10	GND			GND	GND	GND	GND
11	GND	IDH7	IDH6	GND	IDH5	IDH4	GND
12	GND	IDH3	IDH2	GND	IDH1	IDH0	GND

CN166

	A	B	C	D
1	CTS	RTS	DCD	DTR
2	RELAYB-1	RELAYA-1	232RX	232TX
3	422RX2-	422TX2-	422RX1-	422TX1-
4	422RX2+	422TX2+	422RX1+	422TX1+
5	E4-TDB-2	E3-TDA-2	E2-RDB-2	E1-RDA-2
6	M-S-BUS	S-BUS3	S-BUS2	S-BUS1
7		R-LED	G-LED	GND (S-BUSG)
8	HD2	HD1	SYNC2	SYNC1
9	VD2	VD1	EVENODD2	EVENODD1
10	DCSENSE8	DCSENSE7	DCSENSE6	DCSENSE5
11	DCSENSE4	DCSENSE3	DCSENSE2	DCSENSE1
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20	CS8	CS7	CS6	CS5
21	CS4	CS3	CS2	CS1
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN167

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3	RELAYB-2	RELAYA-2	FANFAIL6	FANFAIL5
4	H8	G8	F8	E8
5	D8	C8	B8	A8
6	RSV9	RSV8	FANFAIL4	VRET82

⚠ CN168

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

MB-864 (16/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_16

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MB-864 (17/18)

HDS-X3700 : S/N 10001 and Higher

⚠ CN171

	A	B	C	D
1			WSDETECT2	WSDETECT1
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15		RSV7		
16				
17				
18	RSV6	RSV5		
19				
20				
21				
22				
23				
24	192F2+	192F1+	48K2+	48K1+
25	192F2-	192F1-	48K2-	48K1-
26				
27				
28	VD2	VD1	EVENODD2	EVENODD1
29	HD2	HD1	SYNC2	SYNC1
30				GND (S-BUSG)
31	M-S-BUS	S-BUS3	S-BUS2	S-BUS1
32	E4-TDB-1	E3-TDA-1	E2-RDB-1	E1-RDA-1
33	422RX2+	422TX2+	422RX1+	422TX1+
34	422RX2-	422TX2-	422RX1-	422TX1-
35	RELAYB-1	RELAYA-1	232RX	232TX
36	CTS	RTS	DCD	DTR
37	E4-TDB-2	E3-TDA-2	E2-RDB-2	E1-RDA-2
38				
39				
40	RELAYB-2	RELAYA-2		
41	+12V	+12V	+12V	+12V
42	+12V	+12V	+12V	+12V
43	GND	+12V	+12V	GND
44	GND	+12V	+12V	GND
45	GND	+12V	+12V	GND
46	GND	+12V	+12V	GND
47	GND	+12V	+12V	GND
48	GND	+12V	+12V	GND

MB-864 (17/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_17

HDS-X3700 : S/N 10001 and Higher

⚠ CN1001

	A	B	C	D
1	AC1-N	AC1-N	AC1-N	AC1-N
2	AC1-N	AC1-N	AC1-N	AC1-N
3	AC1-N	AC1-N	AC1-N	AC1-N
4	AC1-N	AC1-N	AC1-N	AC1-N
5	AC1-N	AC1-N	AC1-N	AC1-N
6	AC1-N	AC1-N	AC1-N	AC1-N

⚠ CN1003

	A	B	C	D
1	AC1-L	AC1-L	AC1-L	AC1-L
2	AC1-L	AC1-L	AC1-L	AC1-L
3	AC1-L	AC1-L	AC1-L	AC1-L
4	AC1-L	AC1-L	AC1-L	AC1-L
5	AC1-L	AC1-L	AC1-L	AC1-L
6	AC1-L	AC1-L	AC1-L	AC1-L

⚠ CN1004

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3	+12V	+12V	+12V	+12V
4	+12V	+12V	+12V	+12V
5	+12V	+12V	+12V	+12V
6	+12V	+12V	+12V	+12V

⚠ CN1005

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3	+12V	+12V	+12V	+12V
4	+12V	+12V	+12V	FAN12V
5	+12V	+12V	+12V	FAN12V
6	+12V	+12V	+12V	FAN12V

CN1006

	A	B	C	D
1	GND	GND	GND	GND
2	GND	GND	GND	GND
3	GND	GND	GND	GND
4	GND	GND	GND	GND
5	GND	GND	GND	GND
6	GND	GND	GND	GND

CN1007

	A	B	C	D
1	GND	GND	GND	GND
2	GND	GND	GND	GND
3	GND	GND	GND	GND
4	GND	GND	GND	GND
5	GND	GND	GND	GND
6	GND	GND	GND	GND

CN1008

	A	B	C	D
1			P0-EXIST	DCFAIL0
2				DCFAIL0
3				DCFAIL0
4				G-LED
5				R-LED
6			+S	PC

CN1020

	A	B	C	D
1				
2	FAN12V	FAN12V	FAN12V	FAN12V
3				FANFAIL1
4				FANFAIL2
5				FANFAIL3
6	GND	GND	GND	GND

⚠ CN1012

	A	B	C	D
1	AC2-N	AC2-N	AC2-N	AC2-N
2	AC2-N	AC2-N	AC2-N	AC2-N
3	AC2-N	AC2-N	AC2-N	AC2-N
4	AC2-N	AC2-N	AC2-N	AC2-N
5	AC2-N	AC2-N	AC2-N	AC2-N
6	AC2-N	AC2-N	AC2-N	AC2-N

⚠ CN1014

	A	B	C	D
1	AC2-L	AC2-L	AC2-L	AC2-L
2	AC2-L	AC2-L	AC2-L	AC2-L
3	AC2-L	AC2-L	AC2-L	AC2-L
4	AC2-L	AC2-L	AC2-L	AC2-L
5	AC2-L	AC2-L	AC2-L	AC2-L
6	AC2-L	AC2-L	AC2-L	AC2-L

⚠ CN1015

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3	+12V	+12V	+12V	+12V
4	+12V	+12V	+12V	+12V
5	+12V	+12V	+12V	+12V
6	+12V	+12V	+12V	+12V

⚠ CN1016

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3	+12V	+12V	+12V	+12V
4	+12V	+12V	+12V	FAN12V
5	+12V	+12V	+12V	FAN12V
6	+12V	+12V	+12V	FAN12V

CN1017

	A	B	C	D
1	GND	GND	GND	GND
2	GND	GND	GND	GND
3	GND	GND	GND	GND
4	GND	GND	GND	GND
5	GND	GND	GND	GND
6	GND	GND	GND	GND

CN1018

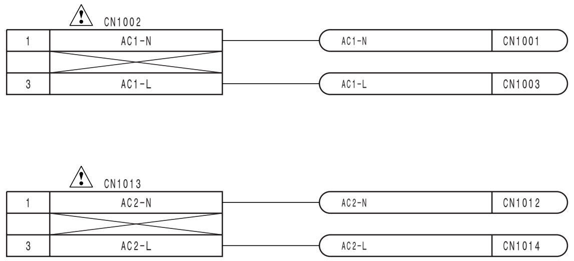
	A	B	C	D
1	GND	GND	GND	GND
2	GND	GND	GND	GND
3	GND	GND	GND	GND
4	GND	GND	GND	GND
5	GND	GND	GND	GND
6	GND	GND	GND	GND

CN1019

	A	B	C	D
1			P1-EXIST	DCFAIL1
2				DCFAIL1
3				DCFAIL1
4				G-LED
5				R-LED
6			+S	PC

CN1021

	A	B	C	D
1				
2	FAN12V	FAN12V	FAN12V	FAN12V
3				FANFAIL4
4				FANFAIL5
5				FANFAIL6
6	GND	GND	GND	GND



1
2
3
4
5

MB-864 (18/18)

BOARD NO. 1-676-342-11
LOT NO. 908-
HDS-X3700_MB-864_004_18

MB-868 (1/3)

HDS-X3400 : S/N 10001 and Higher

CN12

	G	A	B	C	D	E	F
1	GND	EQD2-	EQD2+	GND	EQD1-	EQD1+	GND
2	GND	EQD4-	EQD4+	GND	EQD3-	EQD3+	GND
3	GND	EQD6-	EQD6+	GND	EQD5-	EQD5+	GND
4	GND	EQD8-	EQD8+	GND	EQD7-	EQD7+	GND
5	GND	GND	GND	GND	GND	GND	GND
6	GND	EQD10-	EQD10+	GND	EQD9-	EQD9+	GND
7	GND	EQD12-	EQD12+	GND	EQD11-	EQD11+	GND
8	GND	EQD14-	EQD14+	GND	EQD13-	EQD13+	GND
9	GND	EQD16-	EQD16+	GND	EQD15-	EQD15+	GND
10	GND			GND	GND	GND	GND
11	GND	IDB7	IDB6	GND	IDB5	IDB4	GND
12	GND	IDB3	IDB2	GND	IDB1	IDB0	GND

CN18

	A	B	C	D
1	GND	GND	GND	GND
2				
3	FANFAIL2		FAN12V	FAN12V
4				
5				
6				

⚠ CN15

	A	B	C	D
1				VRET12
2	D	C	B	A
3	H	G	F	E
4				
5	+12V	+12V	+12V	+12V
6	+12V	+12V	+12V	+12V
7	GND	+12V	+12V	GND
8	GND	+12V	+12V	GND
9	GND	+12V	+12V	GND
10	GND	+12V	+12V	GND
11	GND	+12V	+12V	GND
12	GND	+12V	+12V	GND

CN17

	A	B	C	D
1	GND	GND	GND	GND
2				
3	FANFAIL2	FANFAIL1	FAN12V	FAN12V
4	GND (S-BUSG)	CTS	DCD	232RX
5	S-BUS	RTS	DTR	232TX
6	E_TD-	E_TD+	E_RD-	E_RD+

MB-868 (1/3)

BOARD NO. 1-676-353-11
LOT NO. 908-
HDS-X3400_MB-868_003_1

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HDS-X3400 : S/N 10001 and Higher

CN21

	G	A	B	C	D	E	F
1	GND		FANFAIL2	GND	FANFAIL1		GND
2	GND		DCFAIL	GND			GND
3	GND			GND			GND
4	GND		(MX-SIZE2)	GND	GND (MX-SIZE1)	GND (MX-SIZE0)	GND
5	GND			GND			GND
6	GND			GND			GND
7	GND			GND			GND
8	GND			GND			GND
9	GND	GND	GND	GND	GND	GND (S-GND2)	GND
10	GND			GND			GND
11	GND			GND			GND
12	GND			GND			GND

CN22

	G	A	B	C	D	E	F
1	GND	(IDA3)	(IDA2)	GND	(IDA1)	(IDA0)	GND
2	GND	(IDA7)	(IDA6)	GND	(IDA5)	(IDA4)	GND
3	GND			GND	GND	GND	GND
4	GND	(MXD16-)	(MXD16+)	GND	(MXD15-)	(MKD15+)	GND
5	GND	(MXD14-)	(MXD14+)	GND	(MXD13-)	(MXD13+)	GND
6	GND	(MXD12-)	(MXD12+)	GND	(MXD11-)	(MXD11+)	GND
7	GND	(MXD10-)	(MXD10+)	GND	(MXD9-)	(MXD9+)	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	(MXD8-)	(MXD8+)	GND	(MXD7-)	(MXD7+)	GND
10	GND	(MXD6-)	(MXD6+)	GND	(MXD5-)	(MXD5+)	GND
11	GND	(MXD4-)	(MXD4+)	GND	(MXD3-)	(MXD3+)	GND
12	GND	(MXD2-)	(MXD2+)	GND	(MXD1-)	(MXD1+)	GND

CN23

	G	A	B	C	D	E	F
1	GND	IDB3	IDB2	GND	IDB1	IDB0	GND
2	GND	IDB7	IDB6	GND	IDB5	IDB4	GND
3	GND			GND	GND	GND	GND
4	GND	EQD16-	EQD16+	GND	EQD15-	EQD15+	GND
5	GND	EQD14-	EQD14+	GND	EQD13-	EQD13+	GND
6	GND	EQD12-	EQD12+	GND	EQD11-	EQD11+	GND
7	GND	EQD10-	EQD10+	GND	EQD9-	EQD9+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	EQD8-	EQD8+	GND	EQD7-	EQD7+	GND
10	GND	EQD6-	EQD6+	GND	EQD5-	EQD5+	GND
11	GND	EQD4-	EQD4+	GND	EQD3-	EQD3+	GND
12	GND	EQD2-	EQD2+	GND	EQD1-	EQD1+	GND

CN24

	A	B	C	D
1				
2				
3				
4				
5				
6				
7		R-LED	G-LED	
8				
9				
10	REF			GND (S-BUSG)
11				S-BUS
12	RELAYB-2	RELAYA-2	422RX+	422TX+
13	RELAYB-1	RELAYA-1	422RX-	422TX-
14			GND	GND
15				
16		CTS	DCD	232RX
17		RTS	DTR	232TX
18	E_TD-	E_TD+	E_RD-	E_RD+
19			GND	GND
20				
21				
22				
23				
24				

⚠ CN25

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3				
4	H	G	F	E
5	D	C	B	A
6			VRET12	VRET11

⚠ CN26

	A	B	C	D
1	GND (S-GND1)	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

⚠ CN27

	A	B	C	D
1	GND	GND	GND	GND
2	+12V	+12V	+12V	+12V
3	RELAYB-2	RELAYA-2		
4				
5	REF		422RX+	422TX+
6	RELAYB-1	RELAYA-1	422RX-	422TX-

MB-868 (2/3)

BOARD NO. 1-676-353-11
LOT NO. 908-
HDS-X3400_MB-868_003_2

HDS-X3400 : S/N 10001 and Higher

⚠ CN31

	A	B	C	D
1	AC-N			AC-L
2	AC-N			AC-L
3	AC-N			AC-L
4	AC-N			AC-L
5	AC-N			AC-L
6	AC-N			AC-L

⚠ CN32

1	AC-N
3	AC-L

AC-N CN31-A1-A6

AC-L CN31-D1-D6

⚠ CN34

	A	B	C	D
1	FAN12V	+12V	+12V	+12V
2	FAN12V	+12V	+12V	+12V
3	FAN12V	+12V	+12V	+12V
4	+12V	+12V	+12V	GND
5	+12V	+12V	+12V	GND
6	+12V	+12V	+12V	GND

CN35

	A	B	C	D
1	GND	GND	GND	DCFAIL
2	GND	GND	GND	DCFAIL
3	GND	GND	GND	DCFAIL
4	GND	GND	GND	G-LED
5	GND	GND	GND	R-LED
6	GND	GND	GND	GND

MB-868 (3/3)

BOARD NO. 1-676-353-11
LOT NO. 908-
HDS-X3400_MB-868_003_3

MB-886 (1/10)

HDS-X3600 : S/N 10001 and Higher

CN11

	G	A	B	C	D	E	F
1	GND			GND			GND
2	GND	IND30B-	IND30B+	GND	IND30A-	IND30A+	GND
3	GND			GND			GND
4	GND	GND	GND	GND	GND	GND	GND
5	GND	IND31B-	IND31B+	GND	IND31A-	IND31A+	GND
6	GND			GND			GND
7	GND	IND32B-	IND32B+	GND	IND32A-	IND32A+	GND
8	GND			GND			GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND	RSV1B-	RSV1B+	GND	RSV1A-	RSV1A+	GND
11	GND			GND			GND
12	GND			GND			GND

CN12

	G	A	B	C	D	E	F
1	GND	IND20B-	IND20B+	GND	IND20A-	IND20A+	GND
2	GND			GND			GND
3	GND	GND	GND	GND	GND	GND	GND
4	GND	IND21B-	IND21B+	GND	IND21A-	IND21A+	GND
5	GND			GND			GND
6	GND	IND22B-	IND22B+	GND	IND22A-	IND22A+	GND
7	GND			GND			GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	IND23B-	IND23B+	GND	IND23A-	IND23A+	GND
10	GND			GND			GND
11	GND	IND24B-	IND24B+	GND	IND24A-	IND24A+	GND
12	GND			GND			GND
13	GND	GND	GND	GND	GND	GND	GND
14	GND	IND25B-	IND25B+	GND	IND25A-	IND25A+	GND
15	GND			GND			GND
16	GND	IND26B-	IND26B+	GND	IND26A-	IND26A+	GND
17	GND			GND			GND
18	GND	GND	GND	GND	GND	GND	GND
19	GND	IND27B-	IND27B+	GND	IND27A-	IND27A+	GND
20	GND			GND			GND
21	GND	IND28B-	IND28B+	GND	IND28A-	IND28A+	GND
22	GND			GND			GND
23	GND	GND	GND	GND	GND	GND	GND
24	GND	IND29B-	IND29B+	GND	IND29A-	IND29A+	GND

CN13

	G	A	B	C	D	E	F
1	GND	GND	GND	GND	GND	GND	GND
2	GND	IND1B-	IND1B+	GND	IND1A-	IND1A+	GND
3	GND			GND			GND
4	GND	IND2B-	IND2B+	GND	IND2A-	IND2A+	GND
5	GND			GND			GND
6	GND	GND	GND	GND	GND	GND	GND
7	GND	IND3B-	IND3B+	GND	IND3A-	IND3A+	GND
8	GND			GND			GND
9	GND	IND4B-	IND4B+	GND	IND4A-	IND4A+	GND
10	GND			GND			GND
11	GND	GND	GND	GND	GND	GND	GND
12	GND	IND5B-	IND5B+	GND	IND5A-	IND5A+	GND
13	GND			GND			GND
14	GND	IND6B-	IND6B+	GND	IND6A-	IND6A+	GND
15	GND			GND			GND
16	GND	GND	GND	GND	GND	GND	GND
17	GND	IND7B-	IND7B+	GND	IND7A-	IND7A+	GND
18	GND			GND			GND
19	GND	IND8B-	IND8B+	GND	IND8A-	IND8A+	GND
20	GND			GND			GND
21	GND	GND	GND	GND	GND	GND	GND
22	GND	IND9B-	IND9B+	GND	IND9A-	IND9A+	GND
23	GND			GND			GND
24	GND	IND10B-	IND10B+	GND	IND10A-	IND10A+	GND
25	GND			GND			GND
26	GND	GND	GND	GND	GND	GND	GND
27	GND	IND11B-	IND11B+	GND	IND11A-	IND11A+	GND
28	GND			GND			GND
29	GND	IND12B-	IND12B+	GND	IND12A-	IND12A+	GND
30	GND			GND			GND
31	GND	GND	GND	GND	GND	GND	GND
32	GND	IND13B-	IND13B+	GND	IND13A-	IND13A+	GND
33	GND			GND			GND
34	GND	IND14B-	IND14B+	GND	IND14A-	IND14A+	GND
35	GND			GND			GND
36	GND	GND	GND	GND	GND	GND	GND
37	GND	IND15B-	IND15B+	GND	IND15A-	IND15A+	GND
38	GND			GND			GND
39	GND	IND16B-	IND16B+	GND	IND16A-	IND16A+	GND
40	GND			GND			GND
41	GND	GND	GND	GND	GND	GND	GND
42	GND	IND17B-	IND17B+	GND	IND17A-	IND17A+	GND
43	GND			GND			GND
44	GND	IND18B-	IND18B+	GND	IND18A-	IND18A+	GND
45	GND			GND			GND
46	GND	GND	GND	GND	GND	GND	GND
47	GND	IND19B-	IND19B+	GND	IND19A-	IND19A+	GND
48	GND			GND			GND

CN14

	G	A	B	C	D	E	F
1	GND	(IDA3)	(IDA2)	GND	(IDA1)	(IDA0)	GND
2	GND	(IDA7)	(IDA6)	GND	(IDA5)	(IDA4)	GND
3	GND			GND	GND	GND	GND
4	GND	(EQD16-)	(EQD16+)	GND	(EQD15-)	(EQD15+)	GND
5	GND	(EQD14-)	(EQD14+)	GND	(EQD13-)	(EQD13+)	GND
6	GND	(EQD12-)	(EQD12+)	GND	(EQD11-)	(EQD11+)	GND
7	GND	(EQD10-)	(EQD10+)	GND	(EQD9-)	(EQD9+)	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	(EQD8-)	(EQD8+)	GND	(EQD7-)	(EQD7+)	GND
10	GND	(EQD6-)	(EQD6+)	GND	(EQD5-)	(EQD5+)	GND
11	GND	(EQD4-)	(EQD4+)	GND	(EQD3-)	(EQD3+)	GND
12	GND	(EQD2-)	(EQD2+)	GND	(EQD1-)	(EQD1+)	GND

CN15

	G	A	B	C	D	E	F
1	GND	IDB3	IDB2	GND	IDB1	IDB0	GND
2	GND	IDB7	IDB6	GND	IDB5	IDB4	GND
3	GND			GND	GND	GND	GND
4	GND	EQD32-	EQD32+	GND	EQD31-	EQD31+	GND
5	GND	EQD30-	EQD30+	GND	EQD29-	EQD29+	GND
6	GND	EQD28-	EQD28+	GND	EQD27-	EQD27+	GND
7	GND	EQD26-	EQD26+	GND	EQD25-	EQD25+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	EQD24-	EQD24+	GND	EQD23-	EQD23+	GND
10	GND	EQD22-	EQD22+	GND	EQD21-	EQD21+	GND
11	GND	EQD20-	EQD20+	GND	EQD19-	EQD19+	GND
12	GND	EQD18-	EQD18+	GND	EQD17-	EQD17+	GND

CN16

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8			SYNC2	SYNC1
9				DCSENSE1
10				
11				
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20				
21				CS1
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN17

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3				
4	H1	G1	F1	E1
5	D1	C1	B1	A1
6			VRET12	(VRET11)

⚠ CN18

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

MB-886 (1/10)
BOARD NO. 1-676-347-11
LOT NO. 908-
HDS-X3600_MB-886_002_1

MB-886 (2/10)

HDS-X3600 : S/N 10001 and Higher

CN24

	G	A	B	C	D	E	F
1	GND	EQD18-	EQD18+	GND	EQD17-	EQD17+	GND
2	GND	EQD20-	EQD20+	GND	EQD19-	EQD19+	GND
3	GND	EQD22-	EQD22+	GND	EQD21-	EQD21+	GND
4	GND	EQD24-	EQD24+	GND	EQD23-	EQD23+	GND
5	GND	GND	GND	GND	GND	GND	GND
6	GND	EQD26-	EQD26+	GND	EQD25-	EQD25+	GND
7	GND	EQD28-	EQD28+	GND	EQD27-	EQD27+	GND
8	GND	EQD30-	EQD30+	GND	EQD29-	EQD29+	GND
9	GND	EQD32-	EQD32+	GND	EQD31-	EQD31+	GND
10	GND			GND	GND	GND	GND
11	GND	IDB7	IDB6	GND	IDB5	IDB4	GND
12	GND	IDB3	IDB2	GND	IDB1	IDB0	GND

⚠ CN27

	A	B	C	D
1				VRET12
2	D1	C1	B1	A1
3	H1	G1	F1	E1
4				
5	+12V	+12V	+12V	+12V
6	+12V	+12V	+12V	+12V
7	GND	+12V	+12V	GND
8	GND	+12V	+12V	GND
9	GND	+12V	+12V	GND
10	GND	+12V	+12V	GND
11	GND	+12V	+12V	GND
12	GND	+12V	+12V	GND

MB-886 (2/10)

BOARD NO. 1-676-347-11
LOT NO. 908-
HDS-X3600_MB-886_002_2

4-70

HDS-X3600 : S/N 10001 and Higher

CN31

	G	A	B	C	D	E	F
1	GND			GND	IND61A-	IND61A+	GND
2	GND			GND	IND30A+	IND30A-	GND
3	GND			GND	IND62A-	IND62A+	GND
4	GND	GND	GND	GND	GND	GND	GND
5	GND			GND	IND31A+	IND31A-	GND
6	GND			GND	IND63A-	IND63A+	GND
7	GND			GND	IND32A+	IND32A-	GND
8	GND			GND	IND64A-	IND64A+	GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND			GND	RSV1A+	RSV1A-	GND
11	GND			GND	RSV2A-	RSV2A+	GND
12	GND			GND			GND

CN32

	G	A	B	C	D	E	F
1	GND			GND	IND20A+	IND20A-	GND
2	GND			GND	IND52A-	IND52A+	GND
3	GND	GND	GND	GND	GND	GND	GND
4	GND			GND	IND21A+	IND21A-	GND
5	GND			GND	IND53A-	IND53A+	GND
6	GND			GND	IND22A+	IND22A-	GND
7	GND			GND	IND54A-	IND54A+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND			GND	IND23A+	IND23A-	GND
10	GND			GND	IND55A-	IND55A+	GND
11	GND			GND	IND24A+	IND24A-	GND
12	GND			GND	IND56A-	IND56A+	GND
13	GND	GND	GND	GND	GND	GND	GND
14	GND			GND	IND25A+	IND25A-	GND
15	GND			GND	IND57A-	IND57A+	GND
16	GND			GND	IND26A+	IND26A-	GND
17	GND			GND	IND58A-	IND58A+	GND
18	GND	GND	GND	GND	GND	GND	GND
19	GND			GND	IND27A+	IND27A-	GND
20	GND			GND	IND59A-	IND59A+	GND
21	GND			GND	IND28A+	IND28A-	GND
22	GND			GND	IND60A-	IND60A+	GND
23	GND	GND	GND	GND	GND	GND	GND
24	GND			GND	IND29A+	IND29A-	GND

CN33

	G	A	B	C	D	E	F
1	GND	GND	GND	GND	GND	GND	GND
2	GND			GND	IND1A+	IND1A-	GND
3	GND			GND	IND33A-	IND33A+	GND
4	GND			GND	IND2A+	IND2A-	GND
5	GND			GND	IND34A-	IND34A+	GND
6	GND	GND	GND	GND	GND	GND	GND
7	GND			GND	IND3A+	IND3A-	GND
8	GND			GND	IND35A-	IND35A+	GND
9	GND			GND	IND4A+	IND4A-	GND
10	GND			GND	IND36A-	IND36A+	GND
11	GND	GND	GND	GND	GND	GND	GND
12	GND			GND	IND5A+	IND5A-	GND
13	GND			GND	IND37A-	IND37A+	GND
14	GND			GND	IND6A+	IND6A-	GND
15	GND			GND	IND38A-	IND38A+	GND
16	GND	GND	GND	GND	GND	GND	GND
17	GND			GND	IND7A+	IND7A-	GND
18	GND			GND	IND39A-	IND39A+	GND
19	GND			GND	IND8A+	IND8A-	GND
20	GND			GND	IND40A-	IND40A+	GND
21	GND	GND	GND	GND	GND	GND	GND
22	GND			GND	IND9A+	IND9A-	GND
23	GND			GND	IND41A-	IND41A+	GND
24	GND			GND	IND10A+	IND10A-	GND
25	GND			GND	IND42A-	IND42A+	GND
26	GND	GND	GND	GND	GND	GND	GND
27	GND			GND	IND11A+	IND11A-	GND
28	GND			GND	IND43A-	IND43A+	GND
29	GND			GND	IND12A+	IND12A-	GND
30	GND			GND	IND44A-	IND44A+	GND
31	GND	GND	GND	GND	GND	GND	GND
32	GND			GND	IND13A+	IND13A-	GND
33	GND			GND	IND45A-	IND45A+	GND
34	GND			GND	IND14A+	IND14A-	GND
35	GND			GND	IND46A-	IND46A+	GND
36	GND	GND	GND	GND	GND	GND	GND
37	GND			GND	IND15A+	IND15A-	GND
38	GND			GND	IND47A-	IND47A+	GND
39	GND			GND	IND16A+	IND16A-	GND
40	GND			GND	IND48A-	IND48A+	GND
41	GND	GND	GND	GND	GND	GND	GND
42	GND			GND	IND17A+	IND17A-	GND
43	GND			GND	IND49A-	IND49A+	GND
44	GND			GND	IND18A+	IND18A-	GND
45	GND			GND	IND50A-	IND50A+	GND
46	GND	GND	GND	GND	GND	GND	GND
47	GND			GND	IND19A+	IND19A-	GND
48	GND			GND	IND51A-	IND51A+	GND

CN34

	G	A	B	C	D	E	F
1	GND	(IDI3)	(IDI2)	GND	(IDI1)	(IDI0)	GND
2	GND	(IDI7)	(IDI6)	GND	(IDI5)	(IDI4)	GND
3	GND	(MON11-)	(MON11+)	GND	GND	GND	GND
4	GND	(MXD16-)	(MXD16+)	GND	(MXD15-)	(MXD15+)	GND
5	GND	(MXD14-)	(MXD14+)	GND	(MXD13-)	(MXD13+)	GND
6	GND	(MXD12-)	(MXD12+)	GND	(MXD11-)	(MXD11+)	GND
7	GND	(MXD10-)	(MXD10+)	GND	(MXD9-)	(MXD9+)	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	(MXD8-)	(NXD8+)	GND	(MXD7-)	(MXD7+)	GND
10	GND	(MXD6-)	(MXD6+)	GND	(MXD5-)	(MXD5+)	GND
11	GND	(MXD4-)	(MXD4+)	GND	(MXD3-)	(MXD3+)	GND
12	GND	(MXD2-)	(MXD2+)	GND	(MXD1-)	(MXD1+)	GND

CN35

	G	A	B	C	D	E	F
1	GND	IDJ3	IDJ2	GND	IDJ1	IDJ0	GND
2	GND	IDJ7	IDJ6	GND	IDJ5	IDJ4	GND
3	GND	MON12-	MON12+	GND	GND	GND	GND
4	GND	MXD32-	MXD32+	GND	MXD31-	MXD31+	GND
5	GND	MXD30-	MXD30+	GND	MXD29-	MXD29+	GND
6	GND	MXD28-	MXD28+	GND	MXD27-	MXD27+	GND
7	GND	MXD26-	MXD26+	GND	MXD25-	MXD25+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	MXD24-	MXD24+	GND	MXD23-	MXD23+	GND
10	GND	MXD22-	MXD22+	GND	MXD21-	MXD21+	GND
11	GND	MXD20-	MXD20+	GND	MXD19-	MXD19+	GND
12	GND	MXD18-	MXD18+	GND	MXD17-	MXD17+	GND

CN36

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8			SYNC2	SYNC1
9				DCSENSE3
10				
11				
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20				
21				CS3
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN37

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3				
4	H2	G2	F2	E2
5	D2	C2	B2	A2
6			VRET22	(VRET22)

⚠ CN38

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

MB-886 (3/10)

BOARD NO. 1-676-347-11
LOT NO. 908-
HDS-X3600_MB-886_002_3

MB-886 (4/10)

HDS-X3600 : S/N 10001 and Higher

CN44

	G	A	B	C	D	E	F
1	GND	MXD18-	MXD18+	GND	MXD17-	MXD17+	GND
2	GND	MXD20-	MXD20+	GND	MXD19-	MXD19+	GND
3	GND	MXD22-	MXD22+	GND	MXD21-	MXD21+	GND
4	GND	MXD24-	MXD24+	GND	MXD23-	MXD23+	GND
5	GND	GND	GND	GND	GND	GND	GND
6	GND	MXD26-	MXD26+	GND	MXD25-	MXD25+	GND
7	GND	MXD28-	MXD28+	GND	MXD27-	MXD27+	GND
8	GND	MXD30-	MXD30+	GND	MXD29-	MXD29+	GND
9	GND	MXD32-	MXD32+	GND	MXD31-	MXD31+	GND
10	GND	MON12-	MON12+	GND	GND	GND	GND
11	GND	IDJ7	IDJ6	GND	IDJ5	IDJ4	GND
12	GND	IDJ3	IDJ2	GND	IDJ1	IDJ0	GND

⚠ CN47

	A	B	C	D
1				VRET22
2	D2	C2	B2	A2
3	H2	G2	F2	E2
4				
5	+12V	+12V	+12V	+12V
6	+12V	+12V	+12V	+12V
7	GND	+12V	+12V	GND
8	GND	+12V	+12V	GND
9	GND	+12V	+12V	GND
10	GND	+12V	+12V	GND
11	GND	+12V	+12V	GND
12	GND	+12V	+12V	GND

MB-886 (4/10)

BOARD NO. 1-676-347-11
LOT NO. 908-
HDS-X3600_MB-886_002_4

1
2
3
4
5

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HDS-X3600 : S/N 10001 and Higher

CN51

	G	A	B	C	D	E	F
1	GND			GND	IND61B-	IND61B+	GND
2	GND			GND	IND30B+	IND30B-	GND
3	GND			GND	IND62B-	IND62B+	GND
4	GND	GND	GND	GND	GND	GND	GND
5	GND			GND	IND31B+	IND31B-	GND
6	GND			GND	IND63B-	IND63B+	GND
7	GND			GND	IND32B+	IND32B-	GND
8	GND			GND	IND64B-	IND64B+	GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND			GND	RSV1B+	RSV1B-	GND
11	GND			GND	RSV2B-	RSV2B+	GND
12	GND			GND			GND

CN52

	G	A	B	C	D	E	F
1	GND			GND	IND20B+	IND20B-	GND
2	GND			GND	IND52B-	IND52B+	GND
3	GND	GND	GND	GND	GND	GND	GND
4	GND			GND	IND21B+	IND21B-	GND
5	GND			GND	IND53B-	IND53B+	GND
6	GND			GND	IND22B+	IND22B-	GND
7	GND			GND	IND54B-	IND54B+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND			GND	IND23B+	IND23B-	GND
10	GND			GND	IND55B-	IND55B+	GND
11	GND			GND	IND24B+	IND24B-	GND
12	GND			GND	IND56B-	IND56B+	GND
13	GND	GND	GND	GND	GND	GND	GND
14	GND			GND	IND25B+	IND25B-	GND
15	GND			GND	IND57B-	IND57B+	GND
16	GND			GND	IND26B+	IND26B-	GND
17	GND			GND	IND58B-	IND58B+	GND
18	GND	GND	GND	GND	GND	GND	GND
19	GND			GND	IND27B+	IND27B-	GND
20	GND			GND	IND59B-	IND59B+	GND
21	GND			GND	IND28B+	IND28B-	GND
22	GND			GND	IND60B-	IND60B+	GND
23	GND	GND	GND	GND	GND	GND	GND
24	GND			GND	IND29B+	IND29B-	GND

CN53

	G	A	B	C	D	E	F
1	GND	GND	GND	GND	GND	GND	GND
2	GND			GND	IND1B+	IND1B-	GND
3	GND			GND	IND33B-	IND33B+	GND
4	GND			GND	IND2B+	IND2B-	GND
5	GND			GND	IND34B-	IND34B+	GND
6	GND	GND	GND	GND	GND	GND	GND
7	GND			GND	IND3B+	IND3B-	GND
8	GND			GND	IND35B-	IND35B+	GND
9	GND			GND	IND4B+	IND4B-	GND
10	GND			GND	IND36B-	IND36B+	GND
11	GND	GND	GND	GND	GND	GND	GND
12	GND			GND	IND5B+	IND5B-	GND
13	GND			GND	IND37B-	IND37B+	GND
14	GND			GND	IND6B+	IND6B-	GND
15	GND			GND	IND38B-	IND38B+	GND
16	GND	GND	GND	GND	GND	GND	GND
17	GND			GND	IND7B+	IND7B-	GND
18	GND			GND	IND39B-	IND39B+	GND
19	GND			GND	IND8B+	IND8B-	GND
20	GND			GND	IND40B-	IND40B+	GND
21	GND	GND	GND	GND	GND	GND	GND
22	GND			GND	IND9B+	IND9B-	GND
23	GND			GND	IND41B-	IND41B+	GND
24	GND			GND	IND10B+	IND10B-	GND
25	GND			GND	IND42B-	IND42B+	GND
26	GND	GND	GND	GND	GND	GND	GND
27	GND			GND	IND11B+	IND11B-	GND
28	GND			GND	IND43B-	IND43B+	GND
29	GND			GND	IND12B+	IND12B-	GND
30	GND			GND	IND44B-	IND44B+	GND
31	GND	GND	GND	GND	GND	GND	GND
32	GND			GND	IND13B+	IND13B-	GND
33	GND			GND	IND45B-	IND45B+	GND
34	GND			GND	IND14B+	IND14B-	GND
35	GND			GND	IND46B-	IND46B+	GND
36	GND	GND	GND	GND	GND	GND	GND
37	GND			GND	IND15B+	IND15B-	GND
38	GND			GND	IND47B-	IND47B+	GND
39	GND			GND	IND16B+	IND16B-	GND
40	GND			GND	IND48B-	IND48B+	GND
41	GND	GND	GND	GND	GND	GND	GND
42	GND			GND	IND17B+	IND17B-	GND
43	GND			GND	IND49B-	IND49B+	GND
44	GND			GND	IND18B+	IND18B-	GND
45	GND			GND	IND50B-	IND50B+	GND
46	GND	GND	GND	GND	GND	GND	GND
47	GND			GND	IND19B+	IND19B-	GND
48	GND			GND	IND51B-	IND51B+	GND

CN54

	G	A	B	C	D	E	F
1	GND	(IDK3)	(IDK2)	GND	(IDK1)	(IDK0)	GND
2	GND	(IDK7)	(IDK6)	GND	(IDK5)	(IDK4)	GND
3	GND	(MON21-)	(MON21+)	GND	GND	GND	GND
4	GND	(MXD48-)	(MXD48+)	GND	(MXD47-)	(MXD47+)	GND
5	GND	(MXD46-)	(MXD46+)	GND	(MXD45-)	(MXD45+)	GND
6	GND	(MXD44-)	(MXD44+)	GND	(MXD43-)	(MXD43+)	GND
7	GND	(MXD42-)	(MXD42+)	GND	(MXD41-)	(MXD41+)	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	(MXD40-)	(MXD40+)	GND	(MXD39-)	(MXD39+)	GND
10	GND	(MXD38-)	(MXD38+)	GND	(MXD37-)	(MXD37+)	GND
11	GND	(MXD36-)	(MXD36+)	GND	(MXD35-)	(MXD35+)	GND
12	GND	(MXD34-)	(MXD34+)	GND	(MXD33-)	(MXD33+)	GND

CN55

	G	A	B	C	D	E	F
1	GND	IDL3	IDL2	GND	IDL1	IDL0	GND
2	GND	IDL7	IDL6	GND	IDL5	IDL4	GND
3	GND	MON22-	MON22+	GND	GND	GND	GND
4	GND	MXD64-	MXD64+	GND	MXD63-	MXD63+	GND
5	GND	MXD62-	MXD62+	GND	MXD61-	MXD61+	GND
6	GND	MXD60-	MXD60+	GND	MXD59-	MXD59+	GND
7	GND	MXD58-	MXD58+	GND	MXD57-	MXD57+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	MXD56-	MXD56+	GND	MXD55-	MXD55+	GND
10	GND	MXD54-	MXD54+	GND	MXD53-	MXD53+	GND
11	GND	MXD52-	MXD52+	GND	MXD51-	MXD51+	GND
12	GND	MXD50-	MXD50+	GND	MXD49-	MXD49+	GND

CN56

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8			SYNC2	SYNC1
9				DCSENSE4
10				
11				
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20				
21				CS4
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN57

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3				
4	H3	G3	F3	E3
5	D3	C3	B3	A3
6			VRET32	(VRET31)

⚠ CN58

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

MB-886 (5/10)

BOARD NO. 1-676-347-11
LOT NO. 908-
HDS-X3600_MB-886_002_5

HDS-X3600 : S/N 10001 and Higher

CN61

	G	A	B	C	D	E	F
1	GND	(FANFAIL3)	FANFAIL2	GND	FANFAIL1		GND
2	GND	DCFAIL1	DCFAIL0	GND	P1-EXIST	P0-EXIST	GND
3	GND			GND	WSDETECT2	WSDETECT1	GND
4	GND	NC (BACKUP)	GND (MX-SIZE2)	GND	NC (MX-SIZE1)	GND (MX-SIZE0)	GND
5	GND			GND			GND
6	GND	CPURX-	CPURX+	GND	CPUTX-	CPUTX+	GND
7	GND			GND			GND
8	GND			GND			GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND			GND			GND
11	GND			GND		DTEN	GND
12	GND	OEIN	OUTEN	GND	AEIN	ACTEN	GND

CN64

	G	A	B	C	D	E	F
1	GND	MXD50-	MXD50+	GND	MXD49-	MXD49+	GND
2	GND	MXD52-	MXD52+	GND	MXD51-	MXD51+	GND
3	GND	MXD54-	MXD54+	GND	MXD53-	MXD53+	GND
4	GND	MXD56-	MXD56+	GND	MXD55-	MXD55+	GND
5	GND	GND	GND	GND	GND	GND	GND
6	GND	MXD58-	MXD58+	GND	MXD57-	MXD57+	GND
7	GND	MXD60-	MXD60+	GND	MXD59-	MXD59+	GND
8	GND	MXD62-	MXD62+	GND	MXD61-	MXD61+	GND
9	GND	MXD64-	MXD64+	GND	MXD63-	MXD63+	GND
10	GND	MON22-	MON22+	GND	GND	GND	GND
11	GND	IDL7	IDL6	GND	IDL5	IDL4	GND
12	GND	IDL3	IDL2	GND	IDL1	IDL0	GND

CN66

	A	B	C	D
1	CTS	RTS	DCD	DTR
2	RELAYB-1	RELAYA-1	232RX	232TX
3	422RX2-	422TX2-	422RX1-	422TX1-
4	422RX2+	422TX2+	422RX1+	422TX1+
5	E4-TDB-1	E3-TDA-1	E2-RDB-1	E1-RDA-1
6	M-S-BUS	S-BUS3	S-BUS2	S-BUS1
7		R-LED	G-LED	GND (S-BUSG)
8	HD2	HD1	SYNC2	SYNC1
9	VD2	VD1	EVENODD2	EVENODD1
10	(DCSENSE8)	(DCSENSE7)	(DCSENSE6)	(DCSENSE5)
11	DCSENSE4	DCSENSE3	DCSENSE2	DCSENSE1
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20	(CS8)	(CS7)	(CS6)	(CS5)
21	CS4	CS3	CS2	CS1
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN67

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3	RELAYB-2	RELAYA-2	(FANFAIL6)	(FANFAIL5)
4	H3	G3	F3	E3
5	D3	C3	B3	A3
6	RSV9	RSV8	(FANFAIL4)	VRET32

⚠ CN68

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

MB-886 (6/10)

BOARD NO. 1-676-347-11
LOT NO. 908-
HDS-X3600_MB-886_002_6

MB-886 (7/10)

HDS-X3600 : S/N 10001 and Higher

CN71

	G	A	B	C	D	E	F
1	GND			GND			GND
2	GND	IND62B-	IND62B+	GND	IND62A-	IND62A+	GND
3	GND			GND			GND
4	GND	GND	GND	GND	GND	GND	GND
5	GND	IND63B-	IND63B+	GND	IND63A-	IND63A+	GND
6	GND			GND			GND
7	GND	IND64B-	IND64B+	GND	IND64A-	IND64A+	GND
8	GND			GND			GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND	RSV2B-	RSV2B+	GND	RSV2A-	RSV2A+	GND
11	GND			GND			GND
12	GND			GND			GND

CN72

	G	A	B	C	D	E	F
1	GND	IND52B-	IND52B+	GND	IND52A-	IND52A+	GND
2	GND			GND			GND
3	GND	GND	GND	GND	GND	GND	GND
4	GND	IND53B-	IND53B+	GND	IND53A-	IND53A+	GND
5	GND			GND			GND
6	GND	IND54B-	IND54B+	GND	IND54A-	IND54A+	GND
7	GND			GND			GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	IND55B-	IND55B+	GND	IND55A-	IND55A+	GND
10	GND			GND			GND
11	GND	IND56B-	IND56B+	GND	IND56A-	IND56A+	GND
12	GND			GND			GND
13	GND	GND	GND	GND	GND	GND	GND
14	GND	IND57B-	IND57B+	GND	IND57A-	IND57A+	GND
15	GND			GND			GND
16	GND	IND58B-	IND58B+	GND	IND58A-	IND58A+	GND
17	GND			GND			GND
18	GND	GND	GND	GND	GND	GND	GND
19	GND	IND59B-	IND59B+	GND	IND59A-	IND59A+	GND
20	GND			GND			GND
21	GND	IND60B-	IND60B+	GND	IND60A-	IND60A+	GND
22	GND			GND			GND
23	GND	GND	GND	GND	GND	GND	GND
24	GND	IND61B-	IND61B+	GND	IND61A-	IND61A+	GND

CN73

	G	A	B	C	D	E	F
1	GND	GND	GND	GND	GND	GND	GND
2	GND	IND33B-	IND33B+	GND	IND33A-	IND33A+	GND
3	GND			GND			GND
4	GND	IND34B-	IND34B+	GND	IND34A-	IND34A+	GND
5	GND			GND			GND
6	GND	GND	GND	GND	GND	GND	GND
7	GND	IND35B-	IND35B+	GND	IND35A-	IND35A+	GND
8	GND			GND			GND
9	GND	IND36B-	IND36B+	GND	IND36A-	IND36A+	GND
10	GND			GND			GND
11	GND	GND	GND	GND	GND	GND	GND
12	GND	IND37B-	IND37B+	GND	IND37A-	IND37A+	GND
13	GND			GND			GND
14	GND	IND38B-	IND38B+	GND	IND38A-	IND38A+	GND
15	GND			GND			GND
16	GND	GND	GND	GND	GND	GND	GND
17	GND	IND39B-	IND39B+	GND	IND39A-	IND39A+	GND
18	GND			GND			GND
19	GND	IND40B-	IND40B+	GND	IND40A-	IND40A+	GND
20	GND			GND			GND
21	GND	GND	GND	GND	GND	GND	GND
22	GND	IND41B-	IND41B+	GND	IND41A-	IND41A+	GND
23	GND			GND			GND
24	GND	IND42B-	IND42B+	GND	IND42A-	IND42A+	GND
25	GND			GND			GND
26	GND	GND	GND	GND	GND	GND	GND
27	GND	IND43B-	IND43B+	GND	IND43A-	IND43A+	GND
28	GND			GND			GND
29	GND	IND44B-	IND44B+	GND	IND44A-	IND44A+	GND
30	GND			GND			GND
31	GND	GND	GND	GND	GND	GND	GND
32	GND	IND45B-	IND45B+	GND	IND45A-	IND45A+	GND
33	GND			GND			GND
34	GND	IND46B-	IND46B+	GND	IND46A-	IND46A+	GND
35	GND			GND			GND
36	GND	GND	GND	GND	GND	GND	GND
37	GND	IND47B-	IND47B+	GND	IND47A-	IND47A+	GND
38	GND			GND			GND
39	GND	IND48B-	IND48B+	GND	IND48A-	IND48A+	GND
40	GND			GND			GND
41	GND	GND	GND	GND	GND	GND	GND
42	GND	IND49B-	IND49B+	GND	IND49A-	IND49A+	GND
43	GND			GND			GND
44	GND	IND50B-	IND50B+	GND	IND50A-	IND50A+	GND
45	GND			GND			GND
46	GND	GND	GND	GND	GND	GND	GND
47	GND	IND51B-	IND51B+	GND	IND51A-	IND51A+	GND
48	GND			GND			GND

CN74

	G	A	B	C	D	E	F
1	GND	(IDC3)	(IDC2)	GND	(IDC1)	(IDC0)	GND
2	GND	(IDC7)	(IDC6)	GND	(IDC5)	(IDC4)	GND
3	GND			GND	GND	GND	GND
4	GND	(EQD48-)	(EQD48+)	GND	(EQD47-)	(EQD47+)	GND
5	GND	(EQD46-)	(EQD46+)	GND	(EQD45-)	(EQD45+)	GND
6	GND	(EQD44-)	(EQD44+)	GND	(EQD43-)	(EQD43+)	GND
7	GND	(EQD42-)	(EQD42+)	GND	(EQD41-)	(EQD41+)	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	(EQD40-)	(EQD40+)	GND	(EQD39-)	(EQD39+)	GND
10	GND	(EQD38-)	(EQD38+)	GND	(EQD37-)	(EQD37+)	GND
11	GND	(EQD36-)	(EQD36+)	GND	(EQD35-)	(EQD35+)	GND
12	GND	(EQD34-)	(EQD34+)	GND	(EQD33-)	(EQD33+)	GND

CN75

	G	A	B	C	D	E	F
1	GND	IDD3	IDD2	GND	IDD1	IDD0	GND
2	GND	IDD7	IDD6	GND	IDD5	IDD4	GND
3	GND			GND	GND	GND	GND
4	GND	EQD64-	EQD64+	GND	EQD63-	EQD63+	GND
5	GND	EQD62-	EQD62+	GND	EQD61-	EQD61+	GND
6	GND	EQD60-	EQD60+	GND	EQD59-	EQD59+	GND
7	GND	EQD58-	EQD58+	GND	EQD57-	EQD57+	GND
8	GND	GND	GND	GND	GND	GND	GND
9	GND	EQD56-	EQD56+	GND	EQD55-	EQD55+	GND
10	GND	EQD54-	EQD54+	GND	EQD53-	EQD53+	GND
11	GND	EQD52-	EQD52+	GND	EQD51-	EQD51+	GND
12	GND	EQD50-	EQD50+	GND	EQD49-	EQD49+	GND

CN76

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8			SYNC2	SYNC1
9				DCSENSE2
10				
11				
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20				
21				CS2
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN77

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3				
4	H4	G4	F4	E4
5	D4	C4	B4	A4
6			VRET42	(VRET41)

⚠ CN78

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND

1

2

3

4

5

MB-886 (7/10)

BOARD NO. 1-676-347-11
LOT NO. 908-
HDS-X3600_MB-886_002_7

A B C D E F G H

HDS-X3600 : S/N 10001 and Higher

CN81

	G	A	B	C	D	E	F
1	GND	(FANFAIL3)	FANFAIL2	GND	FANFAIL1		GND
2	GND	DCFAIL1	DCFAIL0	GND	P1-EXIST	P0-EXIST	GND
3	GND			GND	WSDETECT2	WSDETECT1	GND
4	GND	GND (MAIN)	GND (MX-SIZE2)	GND	NC (MX-SIZE1)	GND (MX-SIZE0)	GND
5	GND			GND			GND
6	GND	CPUTX-	CPUTX+	GND	CPURX-	CPURX+	GND
7	GND			GND			GND
8	GND			GND			GND
9	GND	GND	GND	GND	GND	GND	GND
10	GND			GND			GND
11	GND			GND		DTEN	GND
12	GND	OUTEN	OEIN	GND	ACTEN	AEIN	GND

CN84

	G	A	B	C	D	E	F
1	GND	EQD50-	EQD50+	GND	EQD49-	EQD49+	GND
2	GND	EQD52-	EQD52+	GND	EQD51-	EQD51+	GND
3	GND	EQD54-	EQD54+	GND	EQD53-	EQD53+	GND
4	GND	EQD56-	EQD56+	GND	EQD55-	EQD55+	GND
5	GND	GND	GND	GND	GND	GND	GND
6	GND	EQD58-	EQD58+	GND	EQD57-	EQD57+	GND
7	GND	EQD60-	EQD60+	GND	EQD59-	EQD59+	GND
8	GND	EQD62-	EQD62+	GND	EQD61-	EQD61+	GND
9	GND	EQD64-	EQD64+	GND	EQD63-	EQD63+	GND
10	GND			GND	GND	GND	GND
11	GND	IDD7	IDD6	GND	IDD5	IDD4	GND
12	GND	IDD3	IDD2	GND	IDD1	IDD0	GND

CN86

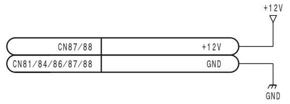
	A	B	C	D
1	CTS	RTS	DCD	DTR
2	RELAYB-1	RELAYA-1	232RX	232TX
3	422RX2-	422TX2-	422RX1-	422TX1-
4	422RX2+	422TX2+	422RX1+	422TX1+
5	E4-TDB-2	E3-TDA-2	E2-RDB-2	E1-RDA-2
6	M-S-BUS	S-BUS3	S-BUS2	S-BUS1
7		R-LED	G-LED	GND (S-BUSG)
8	HD2	HD1	SYNC2	SYNC1
9	VD2	VD1	EVENODD2	EVENODD1
10	(DCSENSE8)	(DCSENSE7)	(DCSENSE6)	(DCSENSE5)
11	DCSENSE4	DCSENSE3	DCSENSE2	DCSENSE1
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	ADRS15	ADRS14	ADRS13	ADRS12
16	ADRS11	ADRS10	ADRS9	ADRS8
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	RSV6	RSV5	GND	GND
20	(CS8)	(CS7)	(CS6)	(CS5)
21	CS4	CS3	CS2	CS1
22	RESET	RSV7	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0

⚠ CN87

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3	RELAYB-2	RELAYA-2	(FANFAIL6)	(FANFAIL5)
4	H4	G4	F4	E4
5	D4	C4	B4	A4
6	RSV9	RSV8	(FANFAIL4)	VRET42

⚠ CN88

	A	B	C	D
1	GND	+12V	+12V	GND
2	GND	+12V	+12V	GND
3	GND	+12V	+12V	GND
4	GND	+12V	+12V	GND
5	GND	+12V	+12V	GND
6	GND	+12V	+12V	GND



MB-886 (8/10)

BOARD NO. 1-676-347-11
LOT NO. 908-
HDS-X3600_MB-886_002_8

MB-886 (9/10)

HDS-X3600 : S/N 10001 and Higher

CKG-28

⚠ CN91

	A	B	C	D
1		192F1+		48K1+
2		192F1-		48K1-
3	WSDETECT1			
4		VD1		EVENODD1
5		HD1		SYNC1
6	E4-TDB-1	E3-TDA-1	E2-RDB-1	E1-RDA-1
7	GND	+12V	+12V	GND
8	GND	+12V	+12V	GND
9	GND	+12V	+12V	GND
10	GND	+12V	+12V	GND
11	GND	+12V	+12V	GND
12	GND	+12V	+12V	GND

CKG-28

⚠ CN92

	A	B	C	D
1		192F2+		48K2+
2		192F2-		48K2-
3	WSDETECT2			
4		VD2		EVENODD2
5		HD2		SYNC2
6	E4-TDB-2	E3-TDA-2	E2-RDB-2	E1-RDA-2
7	GND	+12V	+12V	GND
8	GND	+12V	+12V	GND
9	GND	+12V	+12V	GND
10	GND	+12V	+12V	GND
11	GND	+12V	+12V	GND
12	GND	+12V	+12V	GND

RM-185

CN93

	A	B	C	D
1	M-S-BUS	S-BUS3	S-BUS2	S-BUS1
2				GND (S-BUSG)
3				
4				
5				
6				
7	GND			GND
8	GND			GND
9	GND			GND
10	GND			GND
11	GND			GND
12	GND			GND

RP-115

⚠ CN94

	A	B	C	D
1	RELAYB-1	RELAYA-1	RELAYB-2	RELAYA-2
2			DCD	232RX
3	RTS	CTS	DTR	232TX
4				
5	422RX2-	422TX2-	422RX1-	422TX1-
6	422RX2+	422TX2+	422RX1+	422TX1+
7	GND	+12V	+12V	GND
8	GND	+12V	+12V	GND
9	GND	+12V	+12V	GND
10	GND	+12V	+12V	GND
11	GND	+12V	+12V	GND
12	GND	+12V	+12V	GND

MB-886 (9/10)

BOARD NO. 1-676-347-11
LOT NO. 908-
HDS-X3600_MB-886_002_9

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HDS-X3600 : S/N 10001 and Higher

⚠ CN1001

	A	B	C	D
1	AC1-N	AC1-N	AC1-N	AC1-N
2	AC1-N	AC1-N	AC1-N	AC1-N
3	AC1-N	AC1-N	AC1-N	AC1-N
4	AC1-N	AC1-N	AC1-N	AC1-N
5	AC1-N	AC1-N	AC1-N	AC1-N
6	AC1-N	AC1-N	AC1-N	AC1-N

⚠ CN1003

	A	B	C	D
1	AC1-L	AC1-L	AC1-L	AC1-L
2	AC1-L	AC1-L	AC1-L	AC1-L
3	AC1-L	AC1-L	AC1-L	AC1-L
4	AC1-L	AC1-L	AC1-L	AC1-L
5	AC1-L	AC1-L	AC1-L	AC1-L
6	AC1-L	AC1-L	AC1-L	AC1-L

⚠ CN1004

	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3	+12V	+12V	+12V	+12V
4	+12V	+12V	+12V	FAN12V
5	+12V	+12V	+12V	FAN12V
6	+12V	+12V	+12V	FAN12V

⚠ CN1005

	A	B	C	D
1	+12V	+12V	GND	GND
2	+12V	+12V	GND	GND
3	+12V	+12V	GND	GND
4	+12V	GND	GND	GND
5	+12V	GND	GND	GND
6	+12V	GND	GND	GND

CN1006

	A	B	C	D
1	GND	GND	P0-EXIST	DCFAIL0
2	GND	GND	GND	DCFAIL0
3	GND	GND	GND	DCFAIL0
4	GND	GND	GND	G-LED
5	GND	GND	GND	R-LED
6	GND	GND	+S	PC

⚠ CN1009

	A	B	C	D
1	AC2-N	AC2-N	AC2-N	AC2-N
2	AC2-N	AC2-N	AC2-N	AC2-N
3	AC2-N	AC2-N	AC2-N	AC2-N
4	AC2-N	AC2-N	AC2-N	AC2-N
5	AC2-N	AC2-N	AC2-N	AC2-N
6	AC2-N	AC2-N	AC2-N	AC2-N

⚠ CN1011

	A	B	C	D
1	AC2-L	AC2-L	AC2-L	AC2-L
2	AC2-L	AC2-L	AC2-L	AC2-L
3	AC2-L	AC2-L	AC2-L	AC2-L
4	AC2-L	AC2-L	AC2-L	AC2-L
5	AC2-L	AC2-L	AC2-L	AC2-L
6	AC2-L	AC2-L	AC2-L	AC2-L

⚠ CN1012

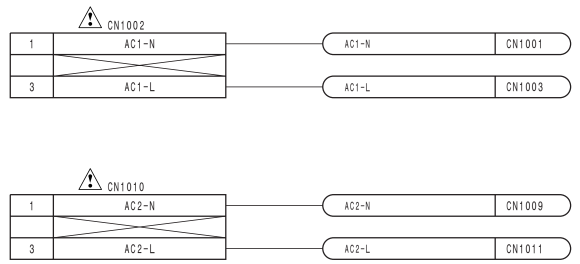
	A	B	C	D
1	+12V	+12V	+12V	+12V
2	+12V	+12V	+12V	+12V
3	+12V	+12V	+12V	+12V
4	+12V	+12V	+12V	FAN12V
5	+12V	+12V	+12V	FAN12V
6	+12V	+12V	+12V	FAN12V

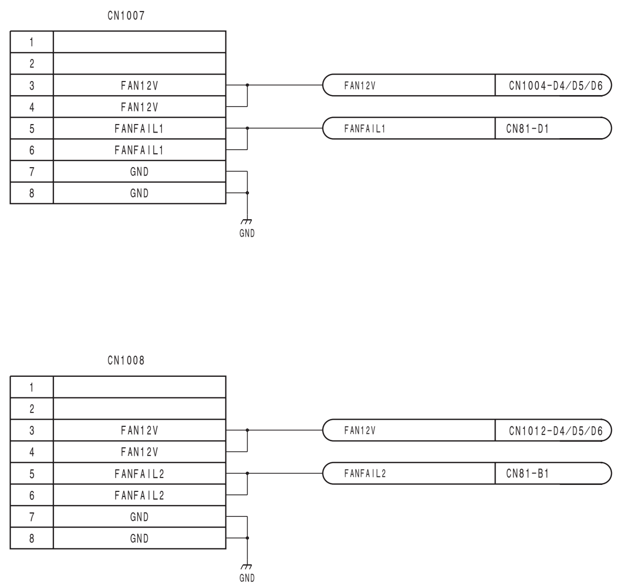
⚠ CN1013

	A	B	C	D
1	+12V	+12V	GND	GND
2	+12V	+12V	GND	GND
3	+12V	+12V	GND	GND
4	+12V	GND	GND	GND
5	+12V	GND	GND	GND
6	+12V	GND	GND	GND

CN1014

	A	B	C	D
1	GND	GND	P1-EXIST	DCFAIL1
2	GND	GND	GND	DCFAIL1
3	GND	GND	GND	DCFAIL1
4	GND	GND	GND	G-LED
5	GND	GND	GND	R-LED
6	GND	GND	+S	PC


⚠ CN1002
1
AC1-N
3
AC1-L
AC1-N
CN1001
AC1-L
CN1003
⚠ CN1010
1
AC2-N
3
AC2-L
AC2-N
CN1009
AC2-L
CN1011

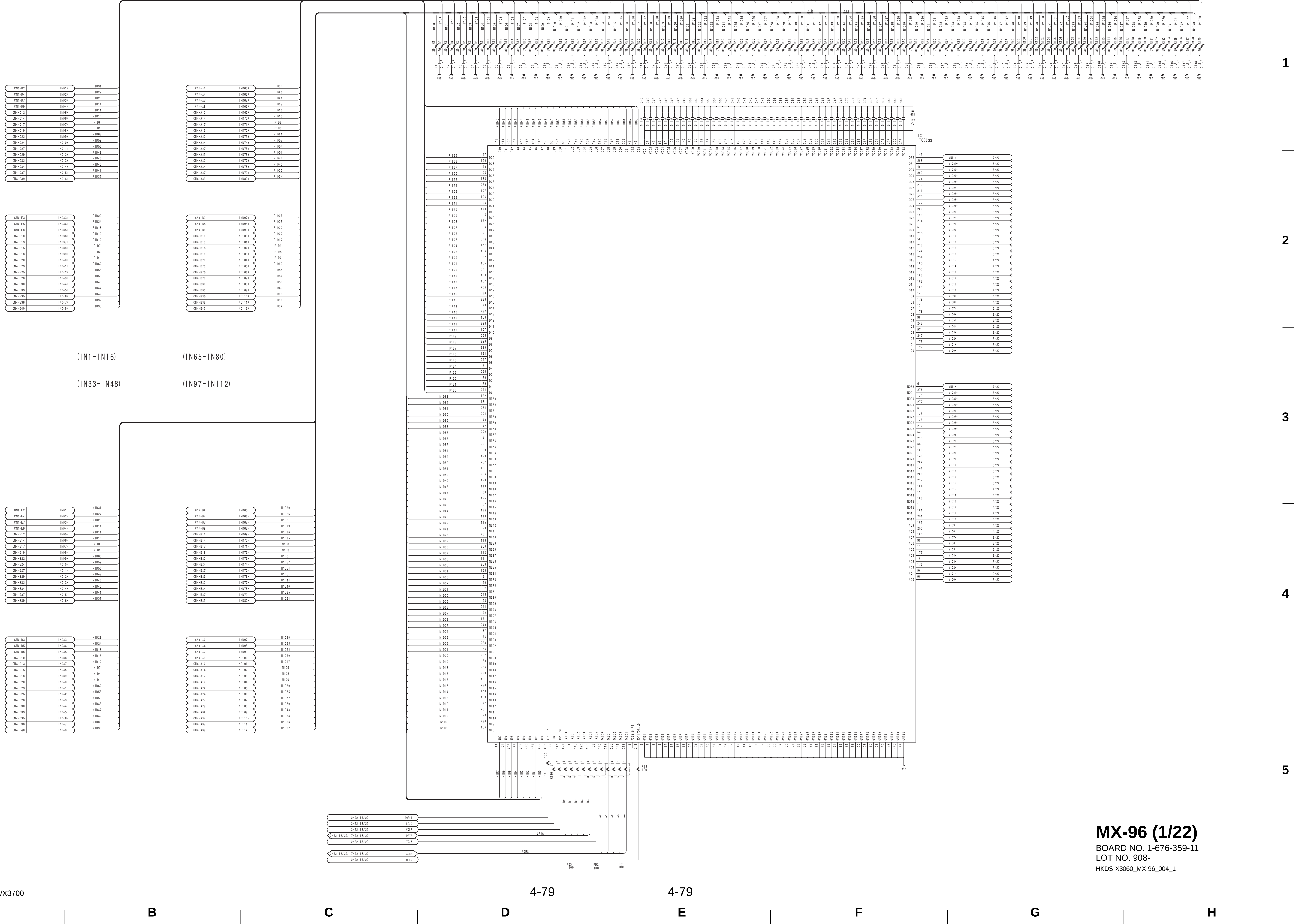

CN1007
1
2
3 FAN12V
4 FAN12V
5 FANFAIL1
6 FANFAIL1
7 GND
8 GND
FAN12V
CN1004-D4/D5/D6
FANFAIL1
CN81-D1
GND
CN1008
1
2
3 FAN12V
4 FAN12V
5 FANFAIL2
6 FANFAIL2
7 GND
8 GND
FAN12V
CN1012-D4/D5/D6
FANFAIL2
CN81-B1
GND

MB-886 (10/10)

BOARD NO. 1-676-347-11
LOT NO. 908-
HDS-X3600_MB-886_002_10

MX-96 (1/22)

HKDS-X3060 : S/N 10001 and Higher

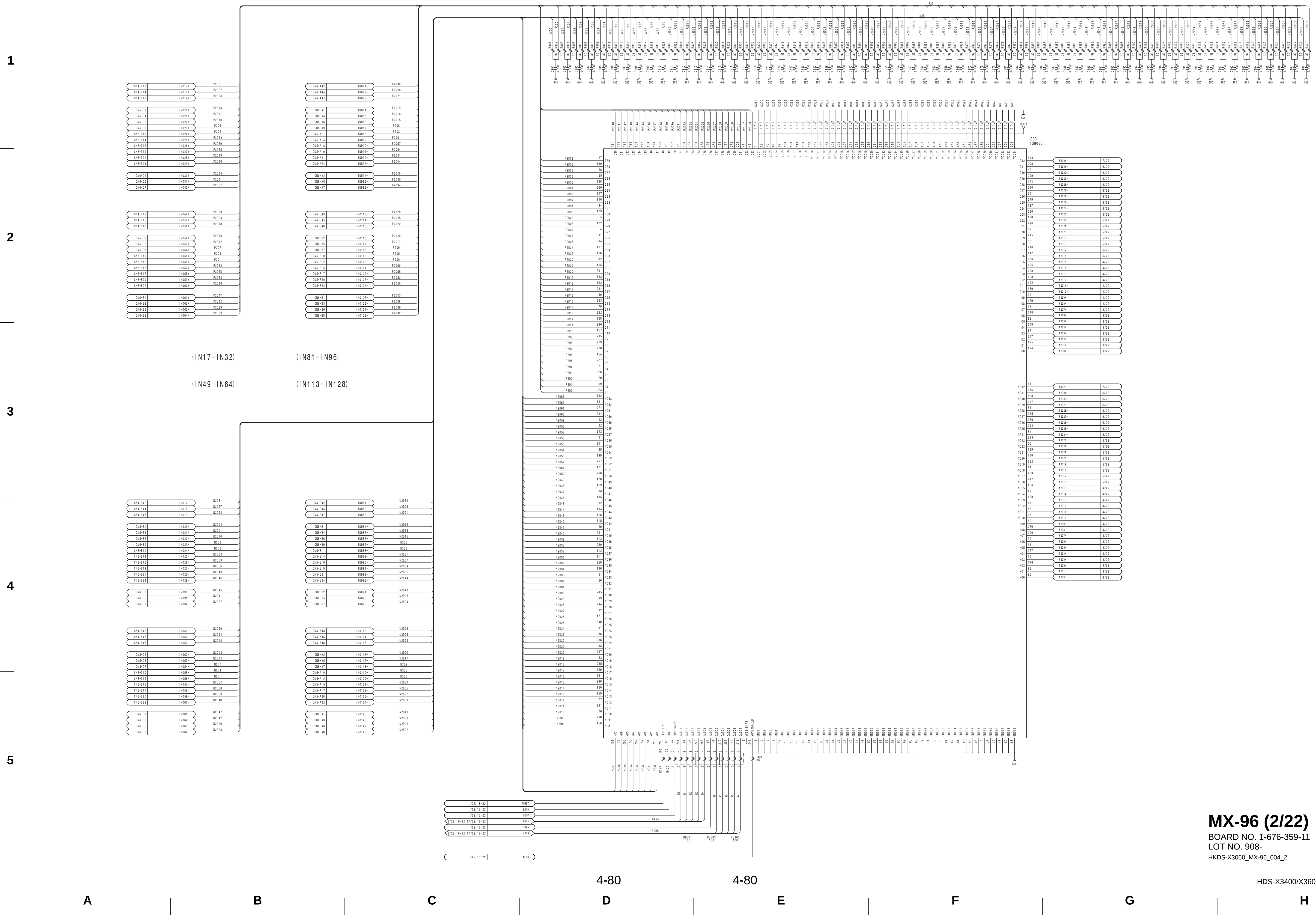

1
2
3
4
5
(IN1-IN16)
(IN65-IN80)
(IN33-IN48)
(IN97-IN112)
IC1
TQ8033
+5V
GND
DATA
ADRS
A
B
C
D
E
F
G
H

MX-96 (1/22)

BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_1

4-79

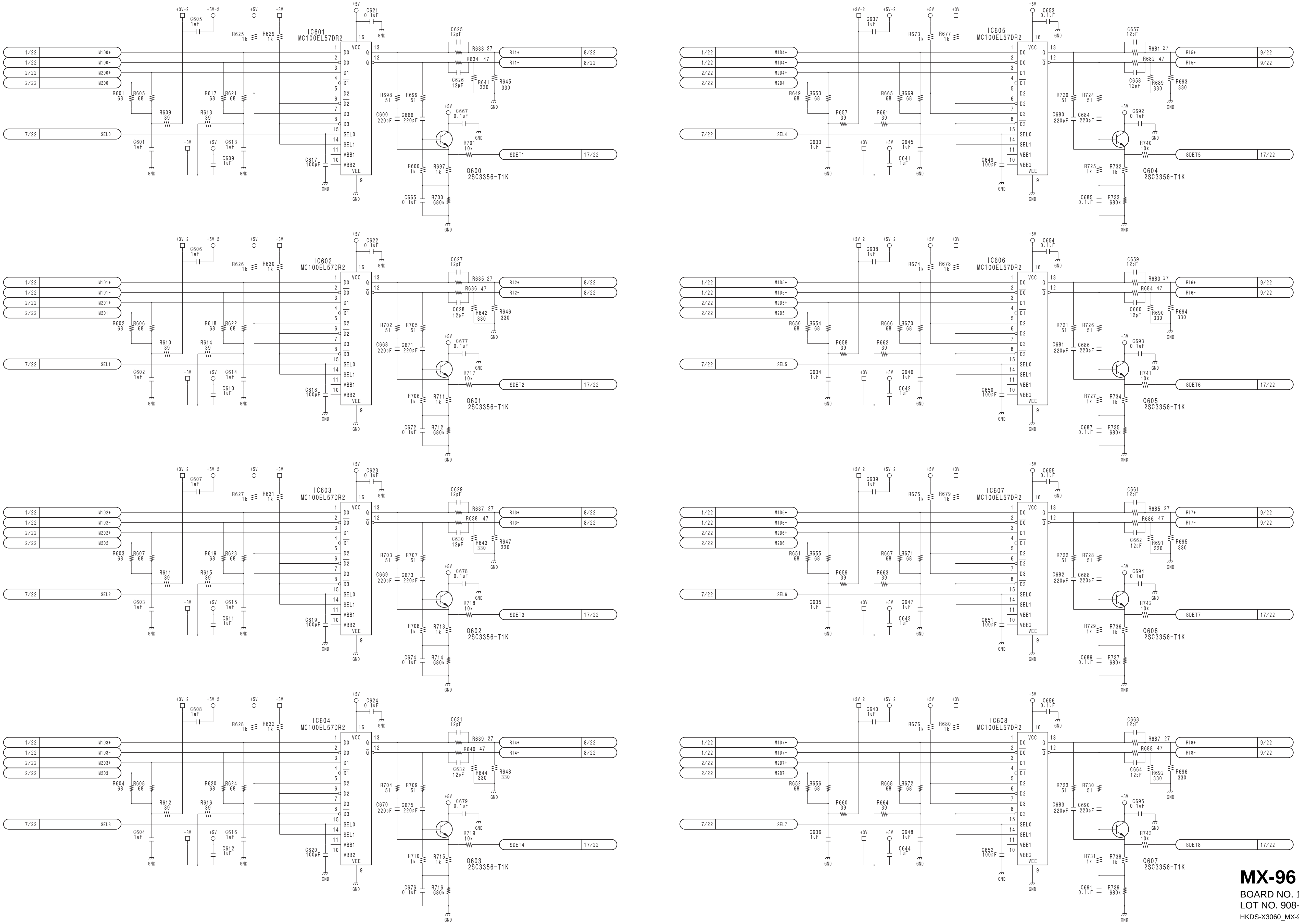
HKDS-X3060 : S/N 10001 and Higher


1
2
3
4
5
A
B
C
D
E
F
G
H
P20
N20
IC301
TG8033
(IN17-IN32)
(IN81-IN96)
(IN49-IN64)
(IN113-IN128)
DATA
ADRS
RB301 100
RB302 100
RB303 100

MX-96 (2/22)

BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_2

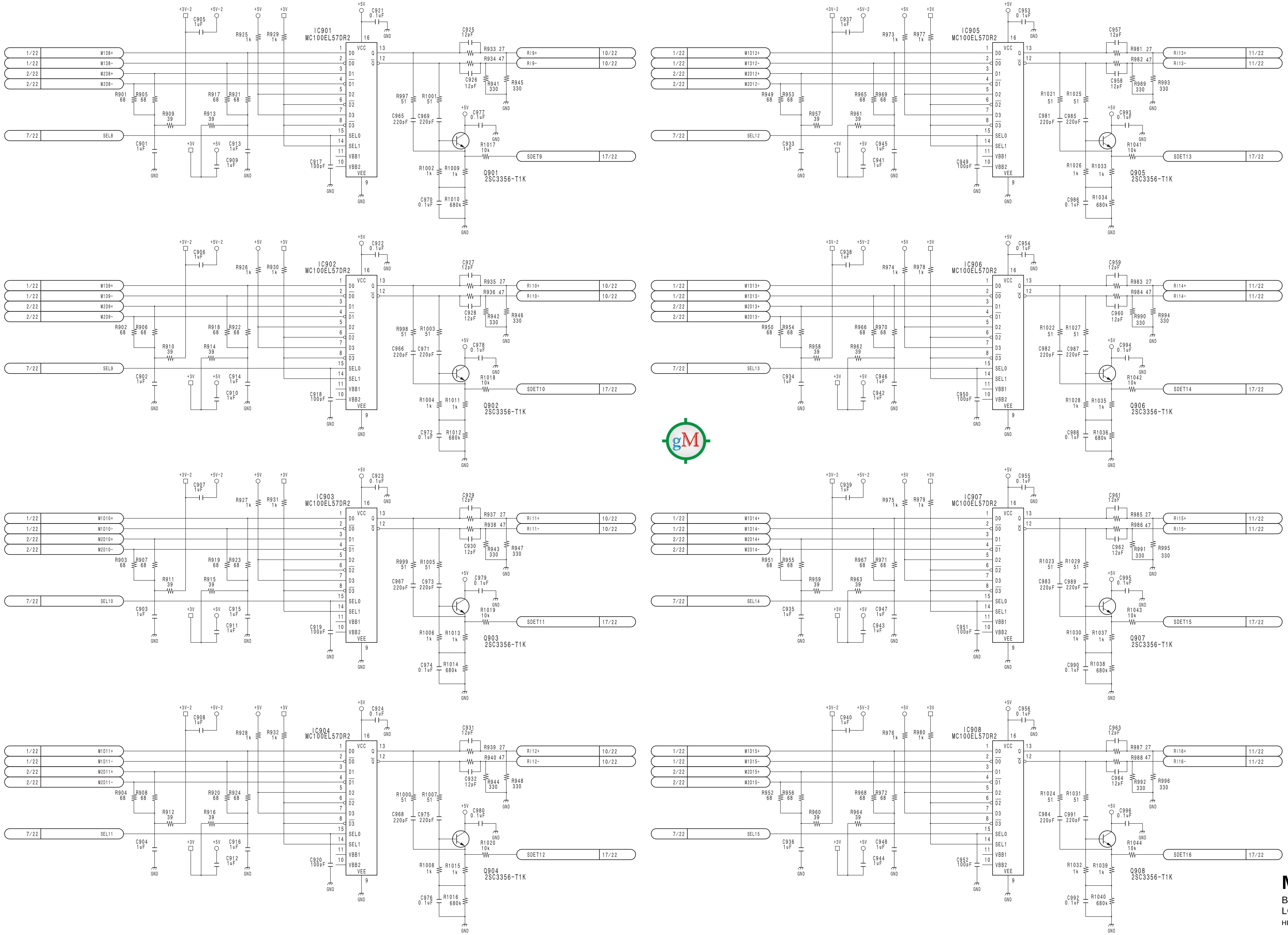
HKDS-X3060 : S/N 10001 and Higher


IC601 MC100EL57DR2
IC602 MC100EL57DR2
IC603 MC100EL57DR2
IC604 MC100EL57DR2
IC605 MC100EL57DR2
IC606 MC100EL57DR2
IC607 MC100EL57DR2
IC608 MC100EL57DR2
Q600 2SC3356-T1K
Q601 2SC3356-T1K
Q602 2SC3356-T1K
Q603 2SC3356-T1K
Q604 2SC3356-T1K
Q605 2SC3356-T1K
Q606 2SC3356-T1K
Q607 2SC3356-T1K
1/22 M100+
1/22 M100-
2/22 M200+
2/22 M200-
7/22 SEL0
RI1+ 8/22
RI1- 8/22
SDET1 17/22
1/22 M101+
1/22 M101-
2/22 M201+
2/22 M201-
7/22 SEL1
RI2+ 8/22
RI2- 8/22
SDET2 17/22
1/22 M102+
1/22 M102-
2/22 M202+
2/22 M202-
7/22 SEL2
RI3+ 8/22
RI3- 8/22
SDET3 17/22
1/22 M103+
1/22 M103-
2/22 M203+
2/22 M203-
7/22 SEL3
RI4+ 8/22
RI4- 8/22
SDET4 17/22
1/22 M104+
1/22 M104-
2/22 M204+
2/22 M204-
7/22 SEL4
RI5+ 9/22
RI5- 9/22
SDET5 17/22
1/22 M105+
1/22 M105-
2/22 M205+
2/22 M205-
7/22 SEL5
RI6+ 9/22
RI6- 9/22
SDET6 17/22
1/22 M106+
1/22 M106-
2/22 M206+
2/22 M206-
7/22 SEL6
RI7+ 9/22
RI7- 9/22
SDET7 17/22
1/22 M107+
1/22 M107-
2/22 M207+
2/22 M207-
7/22 SEL7
RI8+ 9/22
RI8- 9/22
SDET8 17/22
VCC
D0
D1
D2
D3
SEL0
SEL1
VBB1
VBB2
VEE
Q
+3V-2
+5V-2
+5V
+3V
GND
1
2
3
4
5
A
B
C
D
E
F
G
H

MX-96 (3/22)
BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_3

MX-96 (4/22)

HKDS-X3060 : S/N 10001 and Higher


1
2
3
4
5
IC901 MC100EL57DR2
IC902 MC100EL57DR2
IC903 MC100EL57DR2
IC904 MC100EL57DR2
IC905 MC100EL57DR2
IC906 MC100EL57DR2
IC907 MC100EL57DR2
IC908 MC100EL57DR2
Q901 2SC3356-T1K
Q902 2SC3356-T1K
Q903 2SC3356-T1K
Q904 2SC3356-T1K
Q905 2SC3356-T1K
Q906 2SC3356-T1K
Q907 2SC3356-T1K
Q908 2SC3356-T1K
SEL8
SEL9
SEL10
SEL11
SEL12
SEL13
SEL14
SEL15
SDET9
SDET10
SDET11
SDET12
SDET13
SDET14
SDET15
SDET16
RI9+
RI9-
RI10+
RI10-
RI11+
RI11-
RI12+
RI12-
RI13+
RI13-
RI14+
RI14-
RI15+
RI15-
RI16+
RI16-
1/22
2/22
7/22
10/22
11/22
17/22
+3V-2
+5V-2
+5V
+3V
GND
VCC
VEE
D0
D1
D2
D3
SEL0
SEL1
VBB1
VBB2

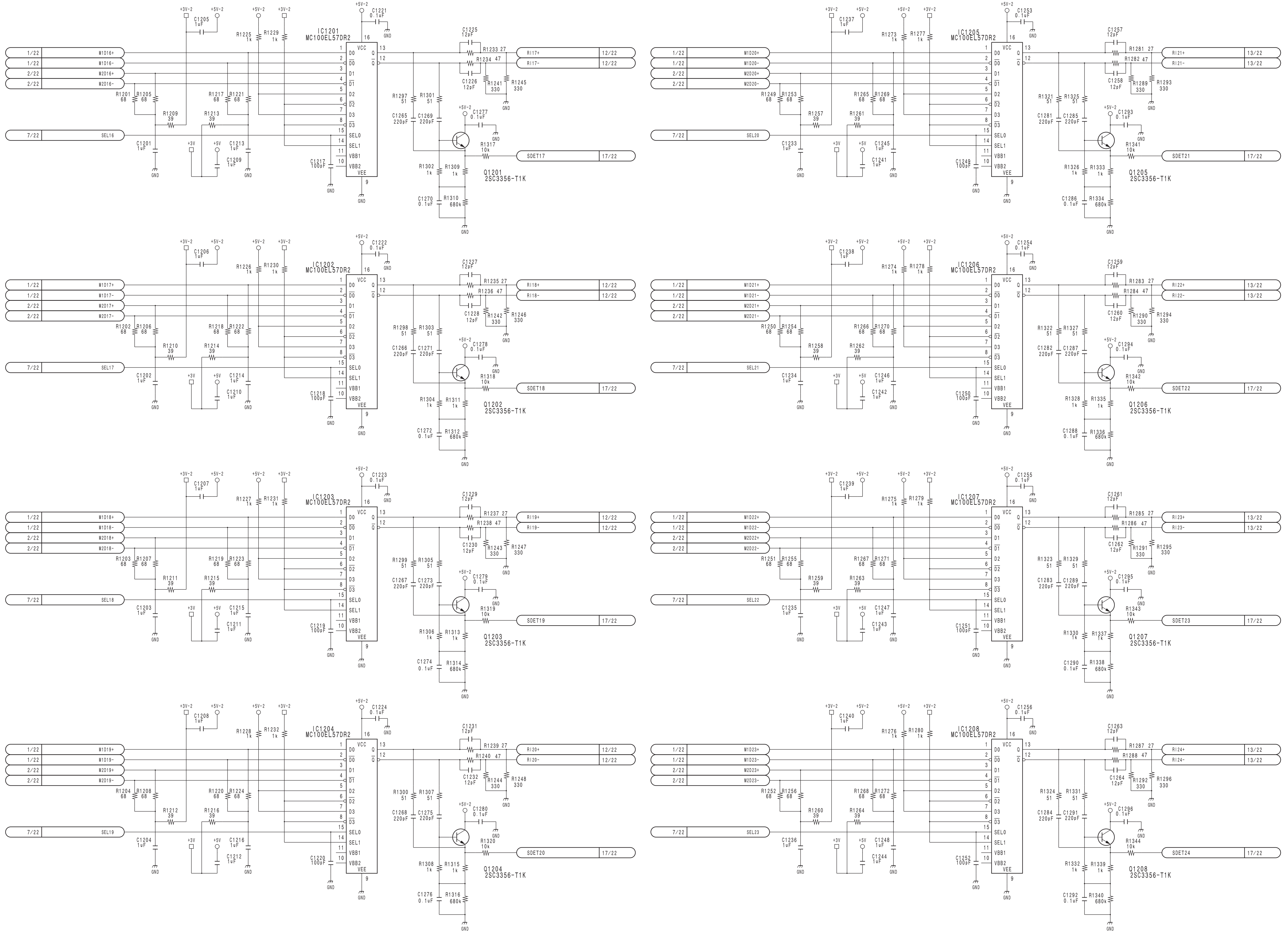
MX-96 (4/22)

BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_4

4-82

A
B
C
D
E
F
G
H

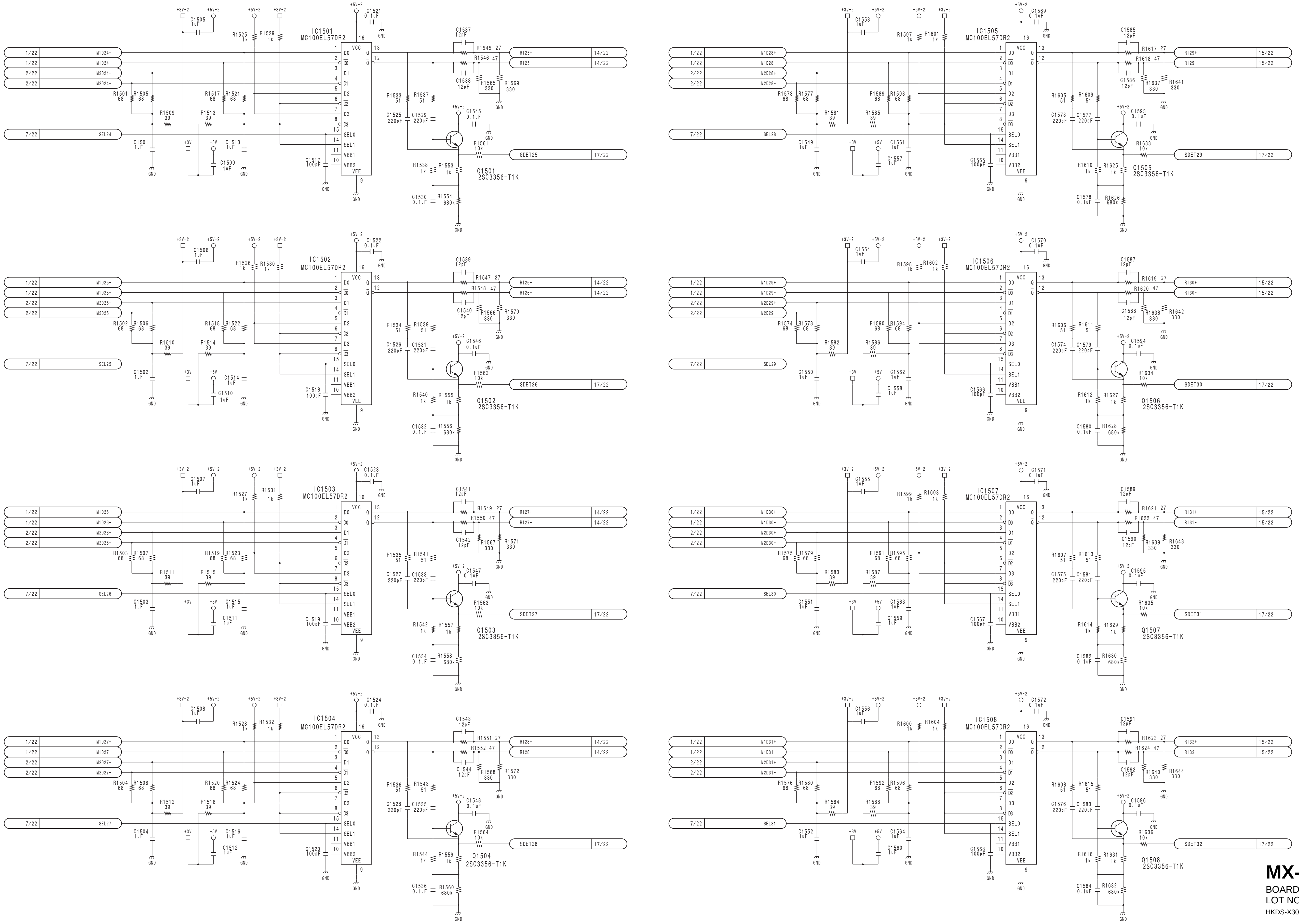
HKDS-X3060 : S/N 10001 and Higher


IC1201 MC100EL57DR2
IC1202 MC100EL57DR2
IC1203 MC100EL57DR2
IC1204 MC100EL57DR2
IC1205 MC100EL57DR2
IC1206 MC100EL57DR2
IC1207 MC100EL57DR2
IC1208 MC100EL57DR2
Q1201 2SC3356-T1K
Q1202 2SC3356-T1K
Q1203 2SC3356-T1K
Q1204 2SC3356-T1K
Q1205 2SC3356-T1K
Q1206 2SC3356-T1K
Q1207 2SC3356-T1K
Q1208 2SC3356-T1K
M1D16+
M1D16-
M2D16+
M2D16-
SEL16
RI17+
RI17-
SDET17
M1D17+
M1D17-
M2D17+
M2D17-
SEL17
RI18+
RI18-
SDET18
M1D18+
M1D18-
M2D18+
M2D18-
SEL18
RI19+
RI19-
SDET19
M1D19+
M1D19-
M2D19+
M2D19-
SEL19
RI20+
RI20-
SDET20
M1D20+
M1D20-
M2D20+
M2D20-
SEL20
RI21+
RI21-
SDET21
M1D21+
M1D21-
M2D21+
M2D21-
SEL21
RI22+
RI22-
SDET22
M1D22+
M1D22-
M2D22+
M2D22-
SEL22
RI23+
RI23-
SDET23
M1D23+
M1D23-
M2D23+
M2D23-
SEL23
RI24+
RI24-
SDET24
1/22
2/22
7/22
12/22
13/22
17/22
+3V-2
+5V-2
+3V
+5V
GND
VCC
VEE
D0
D1
D2
D3
SEL0
SEL1
VBB1
VBB2
1
2
3
4
5
A
B
C
D
E
F
G
H

MX-96 (5/22)
BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_5

MX-96 (6/22)

HKDS-X3060 : S/N 10001 and Higher

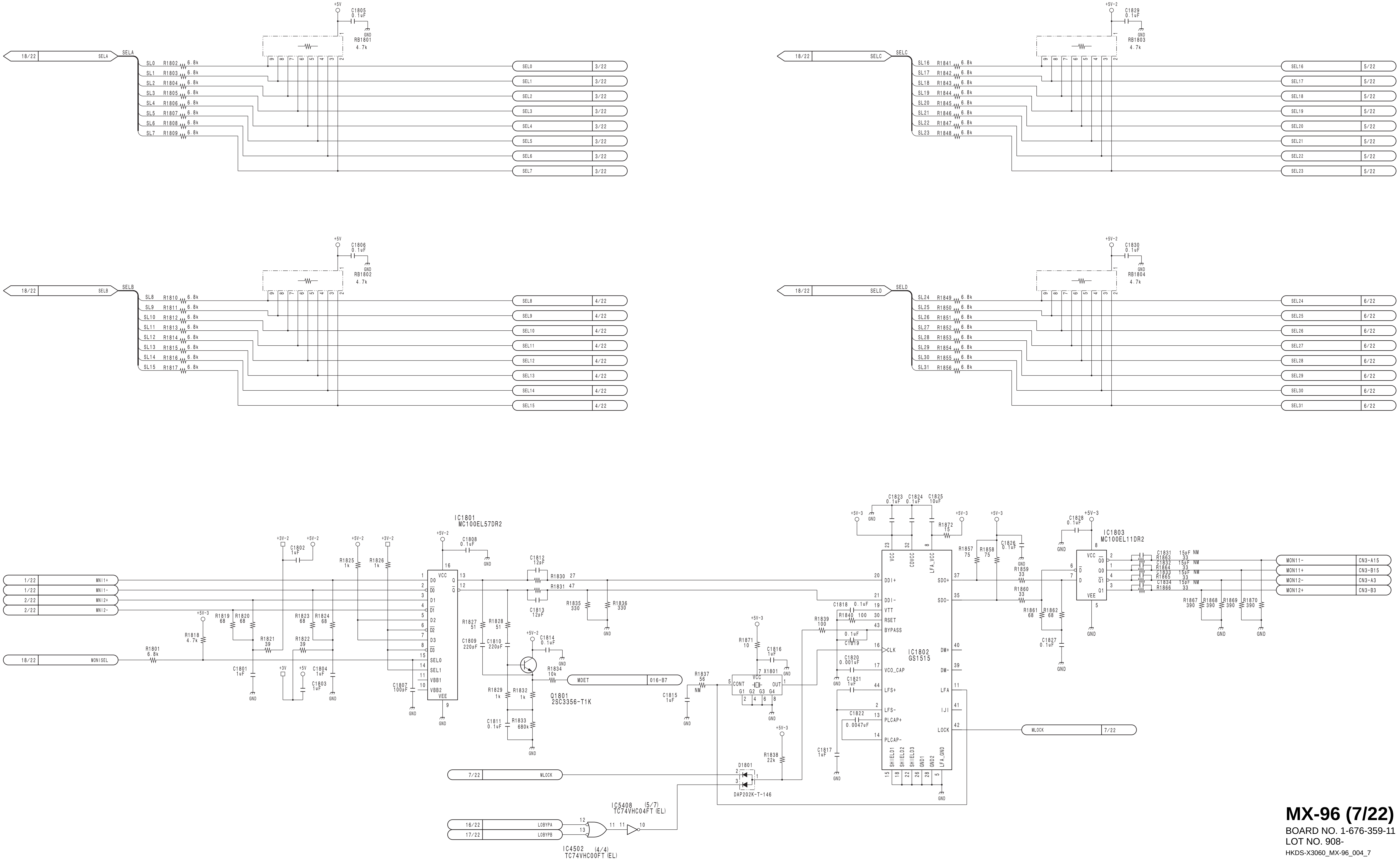

1
2
3
4
5
A
B
C
D
E
F
G
H
IC1501 MC100EL57DR2
IC1502 MC100EL57DR2
IC1503 MC100EL57DR2
IC1504 MC100EL57DR2
IC1505 MC100EL57DR2
IC1506 MC100EL57DR2
IC1507 MC100EL57DR2
IC1508 MC100EL57DR2
Q1501 2SC3356-T1K
Q1502 2SC3356-T1K
Q1503 2SC3356-T1K
Q1504 2SC3356-T1K
Q1505 2SC3356-T1K
Q1506 2SC3356-T1K
Q1507 2SC3356-T1K
Q1508 2SC3356-T1K
M1D24+
M1D24-
M2D24+
M2D24-
SEL24
RI25+
RI25-
SDET25
SEL25
RI26+
RI26-
SDET26
SEL26
RI27+
RI27-
SDET27
SEL27
RI28+
RI28-
SDET28
SEL28
RI29+
RI29-
SDET29
SEL29
RI30+
RI30-
SDET30
SEL30
RI31+
RI31-
SDET31
SEL31
RI32+
RI32-
SDET32
1/22
2/22
7/22
14/22
15/22
17/22
VCC
VEE
D0
D1
D2
D3
SEL0
SEL1
VBB1
VBB2
+3V-2
+5V-2
+3V
+5V
GND

MX-96 (6/22)

BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_6

4-84

HKDS-X3060 : S/N 10001 and Higher


SELA
SELB
SELC
SELD
RB1801 4.7k
RB1802 4.7k
RB1803 4.7k
RB1804 4.7k
SEL0 … SEL7 3/22
SEL8 … SEL15 4/22
SEL16 … SEL23 5/22
SEL24 … SEL31 6/22
IC1801 MC100EL57DR2
IC1802 GS1515
IC1803 MC100EL11DR2
Q1801 2SC3356-T1K
X1801
D1801 DAP202K-T-146
IC5408 (5/7) TC74VHC04FT(EL)
IC4502 (4/4) TC74VHC00FT(EL)
MNI1+ 1/22
MNI1- 1/22
MNI2+ 2/22
MNI2- 2/22
MONISEL 18/22
MDET 016-B7
MLOCK 7/22
LOBYPA 16/22
LOBYPB 17/22
MON11- CN3-A15
MON11+ CN3-B15
MON12- CN3-A3
MON12+ CN3-B3
1
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A
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C
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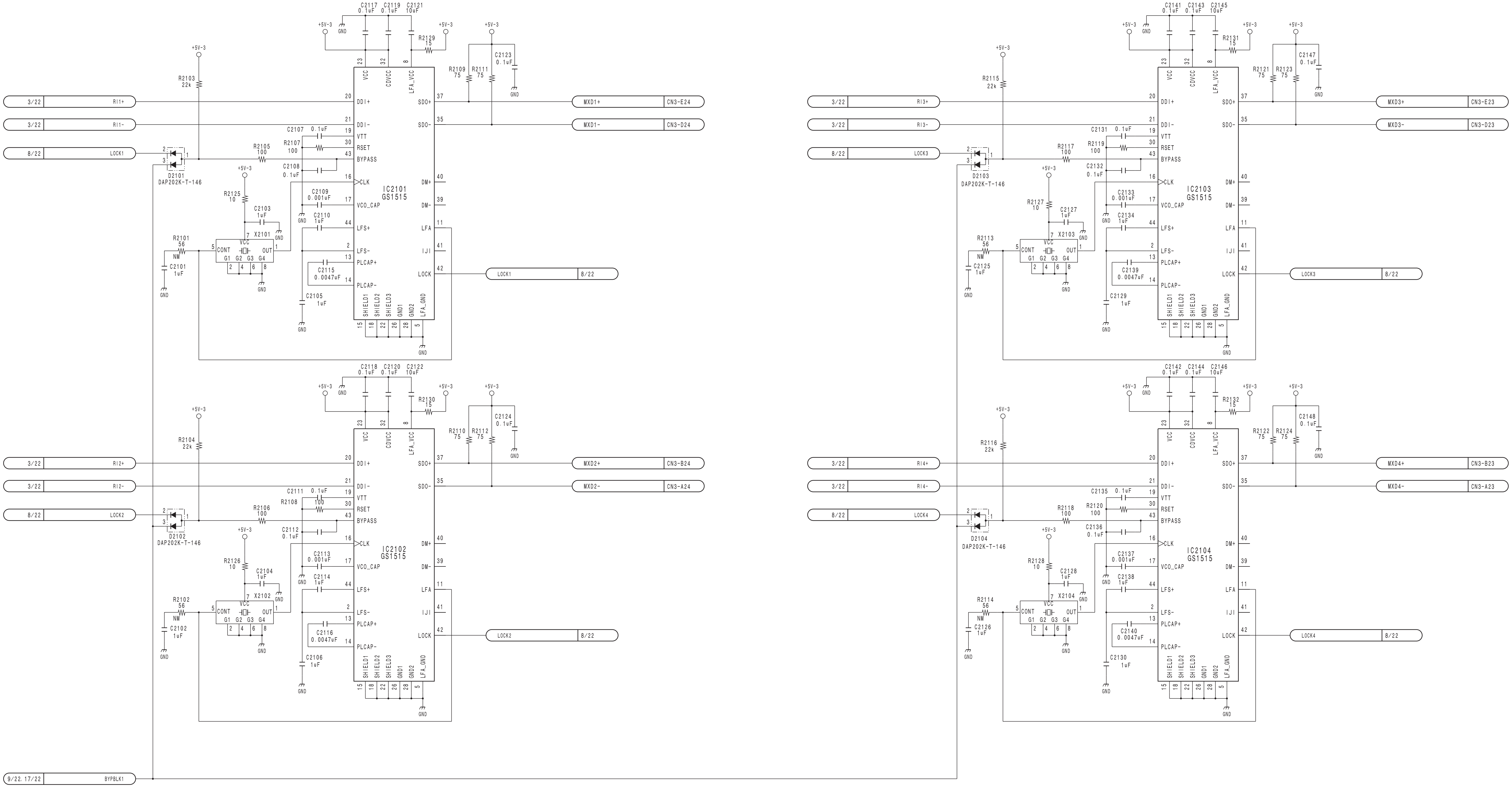
MX-96 (7/22)
BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_7

HKDS-X3060 : S/N 10001 and Higher


IC2101
GS1515
IC2102
GS1515
IC2103
GS1515
IC2104
GS1515
DDI+
DDI-
VTT
RSET
BYPASS
CLK
VCO_CAP
LFS+
LFS-
PLCAP+
PLCAP-
SDO+
SDO-
DM+
DM-
LFA
IJI
LOCK
VCC
CDVCC
LFA_VCC
SHIELD1
SHIELD2
SHIELD3
GND1
GND2
LFA_GND
D2101
D2102
D2103
D2104
DAP202K-T-146
X2101
X2102
X2103
X2104
CONT
OUT
G1 G2 G3 G4
+5V-3
GND
NM
3/22 RI1+
3/22 RI1-
8/22 LOCK1
3/22 RI2+
3/22 RI2-
8/22 LOCK2
3/22 RI3+
3/22 RI3-
8/22 LOCK3
3/22 RI4+
3/22 RI4-
8/22 LOCK4
MXD1+ CN3-E24
MXD1- CN3-D24
MXD2+ CN3-B24
MXD2- CN3-A24
MXD3+ CN3-E23
MXD3- CN3-D23
MXD4+ CN3-B23
MXD4- CN3-A23
LOCK1 8/22
LOCK2 8/22
LOCK3 8/22
LOCK4 8/22
9/22, 17/22 BYPBLK1
R2101 56
R2102 56
R2103 22k
R2104 22k
R2105 100
R2106 100
R2107 100
R2108 100
R2109 75
R2110 75
R2111 75
R2112 75
R2113 56
R2114 56
R2115 22k
R2116 22k
R2117 100
R2118 100
R2119 100
R2120 100
R2121 75
R2122 75
R2123 75
R2124 75
R2125 10
R2126 10
R2127 10
R2128 10
R2129 15
R2130 15
R2131 15
R2132 15
C2101 1uF
C2102 1uF
C2103 1uF
C2104 1uF
C2105 1uF
C2106 1uF
C2107 0.1uF
C2108 0.1uF
C2109 0.001uF
C2110 1uF
C2111 0.1uF
C2112 0.1uF
C2113 0.001uF
C2114 1uF
C2115 0.0047uF
C2116 0.0047uF
C2117 0.1uF
C2118 0.1uF
C2119 0.1uF
C2120 0.1uF
C2121 10uF
C2122 10uF
C2123 0.1uF
C2124 0.1uF
C2125 1uF
C2126 1uF
C2127 1uF
C2128 1uF
C2129 1uF
C2130 1uF
C2131 0.1uF
C2132 0.1uF
C2133 0.001uF
C2134 1uF
C2135 0.1uF
C2136 0.1uF
C2137 0.001uF
C2138 1uF
C2139 0.0047uF
C2140 0.0047uF
C2141 0.1uF
C2142 0.1uF
C2143 0.1uF
C2144 0.1uF
C2145 10uF
C2146 10uF
C2147 0.1uF
C2148 0.1uF
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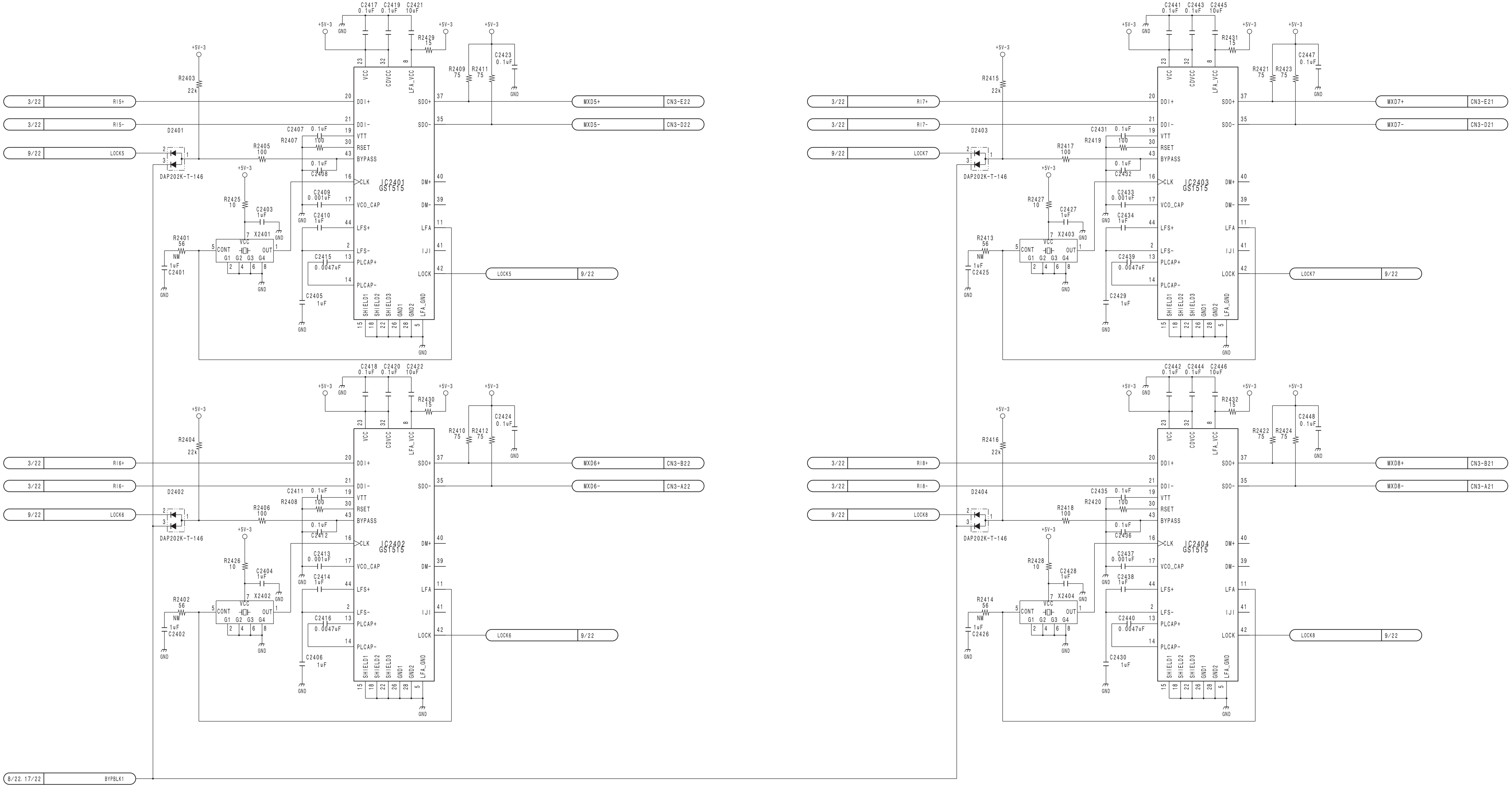
MX-96 (8/22)

BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_8

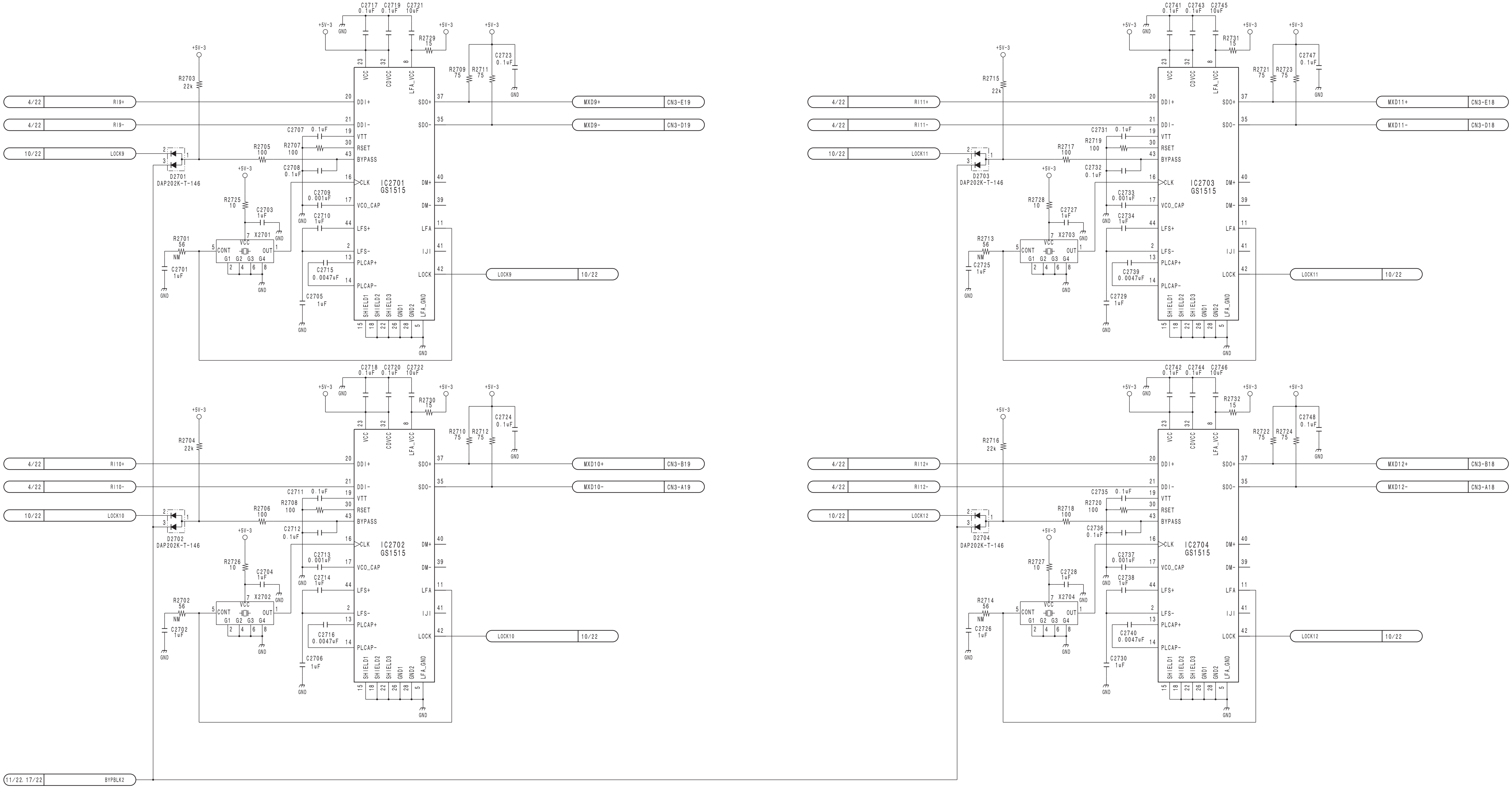
HKDS-X3060 : S/N 10001 and Higher


IC2401 GS1515
IC2402 GS1515
IC2403 GS1515
IC2404 GS1515
3/22 RI5+
3/22 RI5-
9/22 LOCK5
3/22 RI6+
3/22 RI6-
9/22 LOCK6
3/22 RI7+
3/22 RI7-
9/22 LOCK7
3/22 RI8+
3/22 RI8-
9/22 LOCK8
8/22, 17/22 BYPBLK1
MXD5+ CN3-E22
MXD5- CN3-D22
MXD6+ CN3-B22
MXD6- CN3-A22
MXD7+ CN3-E21
MXD7- CN3-D21
MXD8+ CN3-B21
MXD8- CN3-A21
LOCK5 9/22
LOCK6 9/22
LOCK7 9/22
LOCK8 9/22
D2401 D2402 D2403 D2404
DAP202K-T-146
X2401 X2402 X2403 X2404
CONT VCC OUT G1 G2 G3 G4
+5V-3
GND
VCC CDVCC LFA_VCC
DDI+ DDI- VTT RSET BYPASS CLK VCO_CAP LFS+ LFS- PLCAP+ PLCAP-
SDO+ SDO- DM+ DM- LFA IJI LOCK
SHIELD1 SHIELD2 SHIELD3 GND1 GND2 LFA_GND
C2417 0.1uF C2419 0.1uF C2421 10uF
C2418 0.1uF C2420 0.1uF C2422 10uF
C2441 0.1uF C2443 0.1uF C2445 10uF
C2442 0.1uF C2444 0.1uF C2446 10uF
R2429 15 R2430 15 R2431 15 R2432 15
R2409 75 R2411 75 C2423 0.1uF
R2410 75 R2412 75 C2424 0.1uF
R2421 75 R2423 75 C2447 0.1uF
R2422 75 R2424 75 C2448 0.1uF
R2403 22k R2404 22k R2415 22k R2416 22k
C2407 0.1uF R2407 100 R2405 100 C2408 0.1uF
C2411 0.1uF R2408 100 R2406 100 C2412 0.1uF
C2431 0.1uF R2419 100 R2417 100 C2432 0.1uF
C2435 0.1uF R2420 100 R2418 100 C2436 0.1uF
C2409 0.001uF C2410 1uF
C2413 0.001uF C2414 1uF
C2433 0.001uF C2434 1uF
C2437 0.001uF C2438 1uF
R2425 10 C2403 1uF
R2426 10 C2404 1uF
R2427 10 C2427 1uF
R2428 10 C2428 1uF
R2401 56 NM 1uF C2401
R2402 56 NM 1uF C2402
R2413 56 NM 1uF C2425
R2414 56 NM 1uF C2426
C2415 0.0047uF C2405 1uF
C2416 0.0047uF C2406 1uF
C2439 0.0047uF C2429 1uF
C2440 0.0047uF C2430 1uF

MX-96 (9/22)
BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_9

MX-96 (10/22)

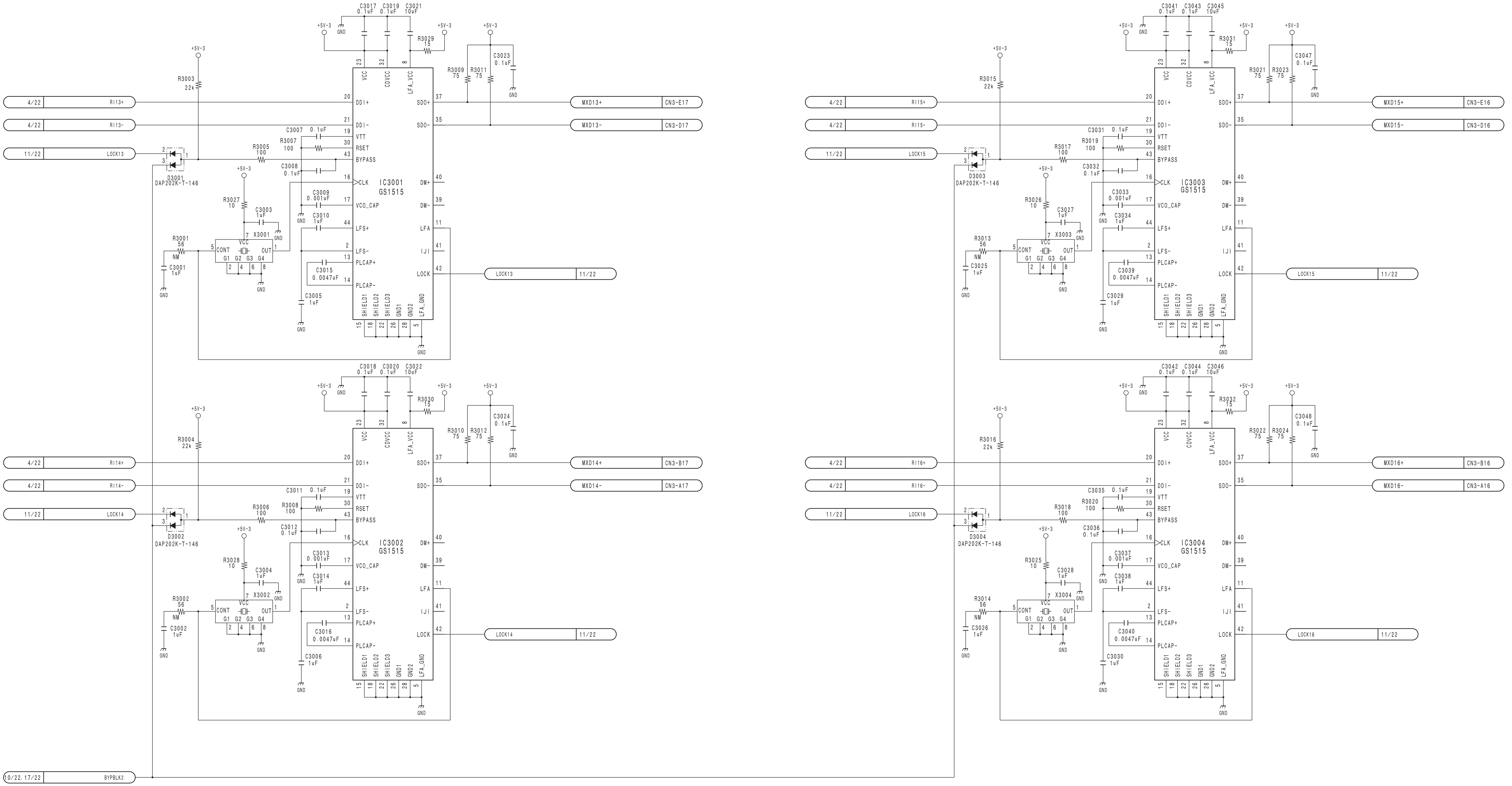
HKDS-X3060 : S/N 10001 and Higher


IC2701 GS1515
IC2702 GS1515
IC2703 GS1515
IC2704 GS1515
D2701 DAP202K-T-146
D2702 DAP202K-T-146
D2703 DAP202K-T-146
D2704 DAP202K-T-146
X2701
X2702
X2703
X2704
4/22 RI9+
4/22 RI9-
10/22 LOCK9
4/22 RI10+
4/22 RI10-
10/22 LOCK10
4/22 RI11+
4/22 RI11-
10/22 LOCK11
4/22 RI12+
4/22 RI12-
10/22 LOCK12
MXD9+ CN3-E19
MXD9- CN3-D19
MXD10+ CN3-B19
MXD10- CN3-A19
MXD11+ CN3-E18
MXD11- CN3-D18
MXD12+ CN3-B18
MXD12- CN3-A18
LOCK9 10/22
LOCK10 10/22
LOCK11 10/22
LOCK12 10/22
11/22,17/22 BYPBLK2
+5V-3
GND
DDI+
DDI-
VTT
RSET
BYPASS
CLK
VCO_CAP
LFS+
LFS-
PLCAP+
PLCAP-
VCC
CDVCC
LFA_VCC
SDO+
SDO-
DM+
DM-
LFA
IJI
LOCK
SHIELD1
SHIELD2
SHIELD3
GND1
GND2
LFA_GND
CONT
OUT
G1 G2 G3 G4

MX-96 (10/22)
BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_10

4-88

HKDS-X3060 : S/N 10001 and Higher


IC3001
GS1515
IC3002
GS1515
IC3003
GS1515
IC3004
GS1515
X3001
X3002
X3003
X3004
D3001
D3002
D3003
D3004
DAP202K-T-146
+5V-3
GND
VCC
CDVCC
LFA_VCC
DDI+
DDI-
VTT
RSET
BYPASS
CLK
VCO_CAP
LFS+
LFS-
PLCAP+
PLCAP-
SDO+
SDO-
DM+
DM-
LFA
IJI
LOCK
SHIELD1
SHIELD2
SHIELD3
GND1
GND2
LFA_GND
CONT
OUT
G1 G2 G3 G4
NM
4/22 RI13+
4/22 RI13-
11/22 LOCK13
4/22 RI14+
4/22 RI14-
11/22 LOCK14
4/22 RI15+
4/22 RI15-
11/22 LOCK15
4/22 RI16+
4/22 RI16-
11/22 LOCK16
MXD13+ CN3-E17
MXD13- CN3-D17
MXD14+ CN3-B17
MXD14- CN3-A17
MXD15+ CN3-E16
MXD15- CN3-D16
MXD16+ CN3-B16
MXD16- CN3-A16
LOCK13 11/22
LOCK14 11/22
LOCK15 11/22
LOCK16 11/22
10/22,17/22 BYPBLK2
R3003 22k
R3004 22k
R3015 22k
R3016 22k
R3005 100
R3006 100
R3017 100
R3018 100
R3007 100
R3008 100
R3019 100
R3020 100
R3009 75
R3010 75
R3011 75
R3012 75
R3021 75
R3022 75
R3023 75
R3024 75
R3029 15
R3030 15
R3031 15
R3032 15
R3027 10
R3028 10
R3026 10
R3025 10
R3001 56
R3002 56
R3013 56
R3014 56
C3017 0.1uF
C3019 0.1uF
C3021 10uF
C3018 0.1uF
C3020 0.1uF
C3022 10uF
C3041 0.1uF
C3043 0.1uF
C3045 10uF
C3042 0.1uF
C3044 0.1uF
C3046 10uF
C3023 0.1uF
C3024 0.1uF
C3047 0.1uF
C3048 0.1uF
C3007 0.1uF
C3011 0.1uF
C3031 0.1uF
C3035 0.1uF
C3008 0.1uF
C3012 0.1uF
C3032 0.1uF
C3036 0.1uF
C3009 0.001uF
C3013 0.001uF
C3033 0.001uF
C3037 0.001uF
C3010 1uF
C3014 1uF
C3034 1uF
C3038 1uF
C3003 1uF
C3004 1uF
C3027 1uF
C3028 1uF
C3001 1uF
C3002 1uF
C3025 1uF
C3026 1uF
C3015 0.0047uF
C3016 0.0047uF
C3039 0.0047uF
C3040 0.0047uF
C3005 1uF
C3006 1uF
C3029 1uF
C3030 1uF
1
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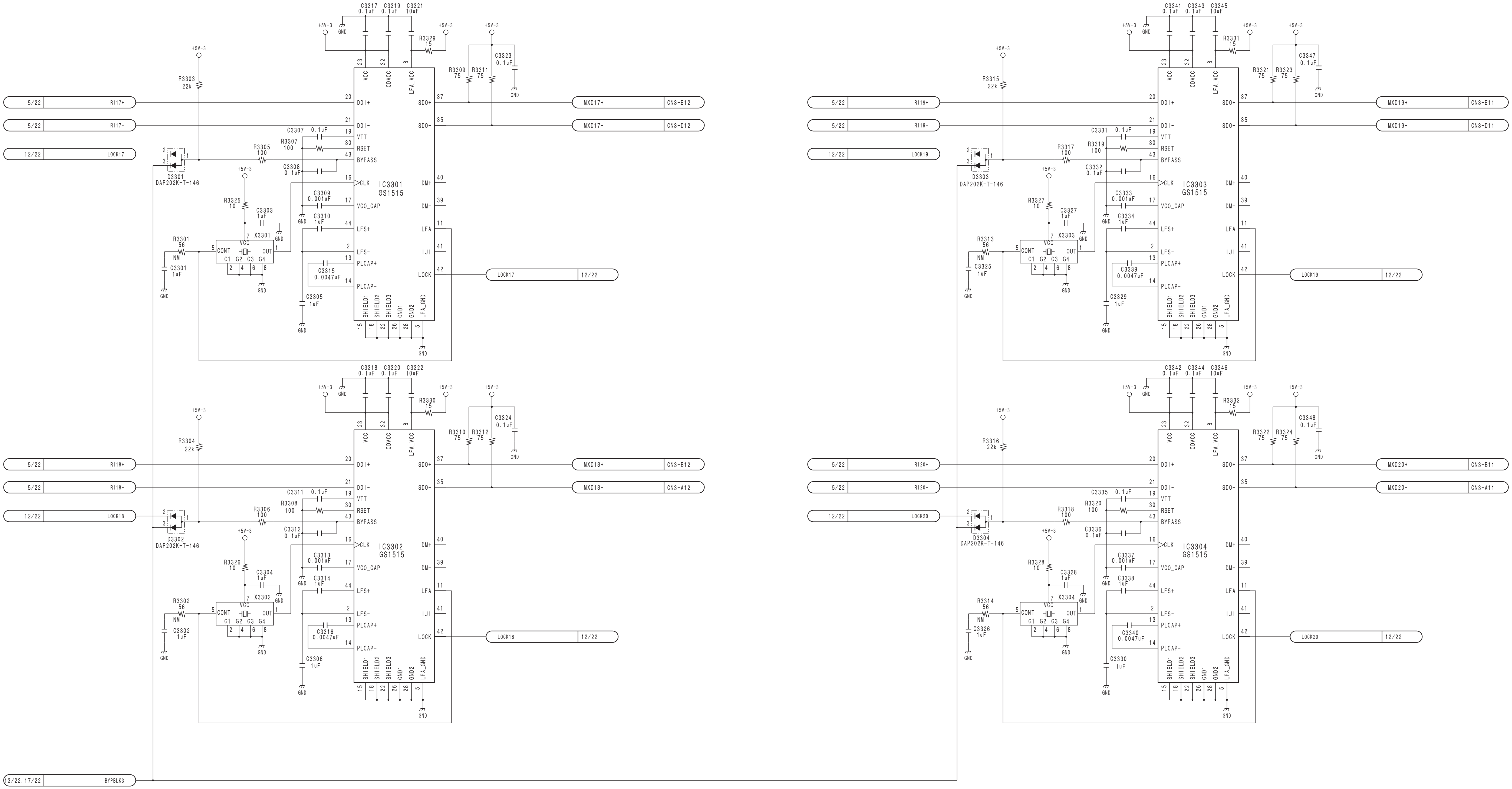
MX-96 (11/22)

BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_11

HKDS-X3060 : S/N 10001 and Higher


1
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5
5/22 RI17+
5/22 RI17-
12/22 LOCK17
D3301 DAP202K-T-146
R3303 22k
R3305 100
R3307 100
C3307 0.1uF
C3308 0.1uF
C3309 0.001uF
C3310 1uF
C3303 1uF
R3325 10
X3301
R3301 56 NM
C3301 1uF
C3315 0.0047uF
C3305 1uF
C3317 0.1uF
C3319 0.1uF
C3321 10uF
R3329 15
R3309 75
R3311 75
C3323 0.1uF
IC3301 GS1515
VCC CDVCC LFA_VCC DDI+ DDI- VTT RSET BYPASS CLK VCO_CAP LFS+ LFS- PLCAP+ PLCAP- SDO+ SDO- DM+ DM- LFA IJI LOCK SHIELD1 SHIELD2 SHIELD3 GND1 GND2 LFA_GND
CONT VCC OUT G1 G2 G3 G4
+5V-3
GND
MXD17+ CN3-E12
MXD17- CN3-D12
LOCK17 12/22
5/22 RI18+
5/22 RI18-
12/22 LOCK18
D3302 DAP202K-T-146
R3304 22k
R3306 100
R3308 100
C3311 0.1uF
C3312 0.1uF
C3313 0.001uF
C3314 1uF
C3304 1uF
R3326 10
X3302
R3302 56 NM
C3302 1uF
C3316 0.0047uF
C3306 1uF
C3318 0.1uF
C3320 0.1uF
C3322 10uF
R3330 15
R3310 75
R3312 75
C3324 0.1uF
IC3302 GS1515
MXD18+ CN3-B12
MXD18- CN3-A12
LOCK18 12/22
13/22,17/22 BYPBLK3
5/22 RI19+
5/22 RI19-
12/22 LOCK19
D3303 DAP202K-T-146
R3315 22k
R3317 100
R3319 100
C3331 0.1uF
C3332 0.1uF
C3333 0.001uF
C3334 1uF
C3327 1uF
R3327 10
X3303
R3313 56 NM
C3325 1uF
C3339 0.0047uF
C3329 1uF
C3341 0.1uF
C3343 0.1uF
C3345 10uF
R3331 15
R3321 75
R3323 75
C3347 0.1uF
IC3303 GS1515
MXD19+ CN3-E11
MXD19- CN3-D11
LOCK19 12/22
5/22 RI20+
5/22 RI20-
12/22 LOCK20
D3304 DAP202K-T-146
R3316 22k
R3318 100
R3320 100
C3335 0.1uF
C3336 0.1uF
C3337 0.001uF
C3338 1uF
C3328 1uF
R3328 10
X3304
R3314 56 NM
C3326 1uF
C3340 0.0047uF
C3330 1uF
C3342 0.1uF
C3344 0.1uF
C3346 10uF
R3332 15
R3322 75
R3324 75
C3348 0.1uF
IC3304 GS1515
MXD20+ CN3-B11
MXD20- CN3-A11
LOCK20 12/22
A
B
C
D
E
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G
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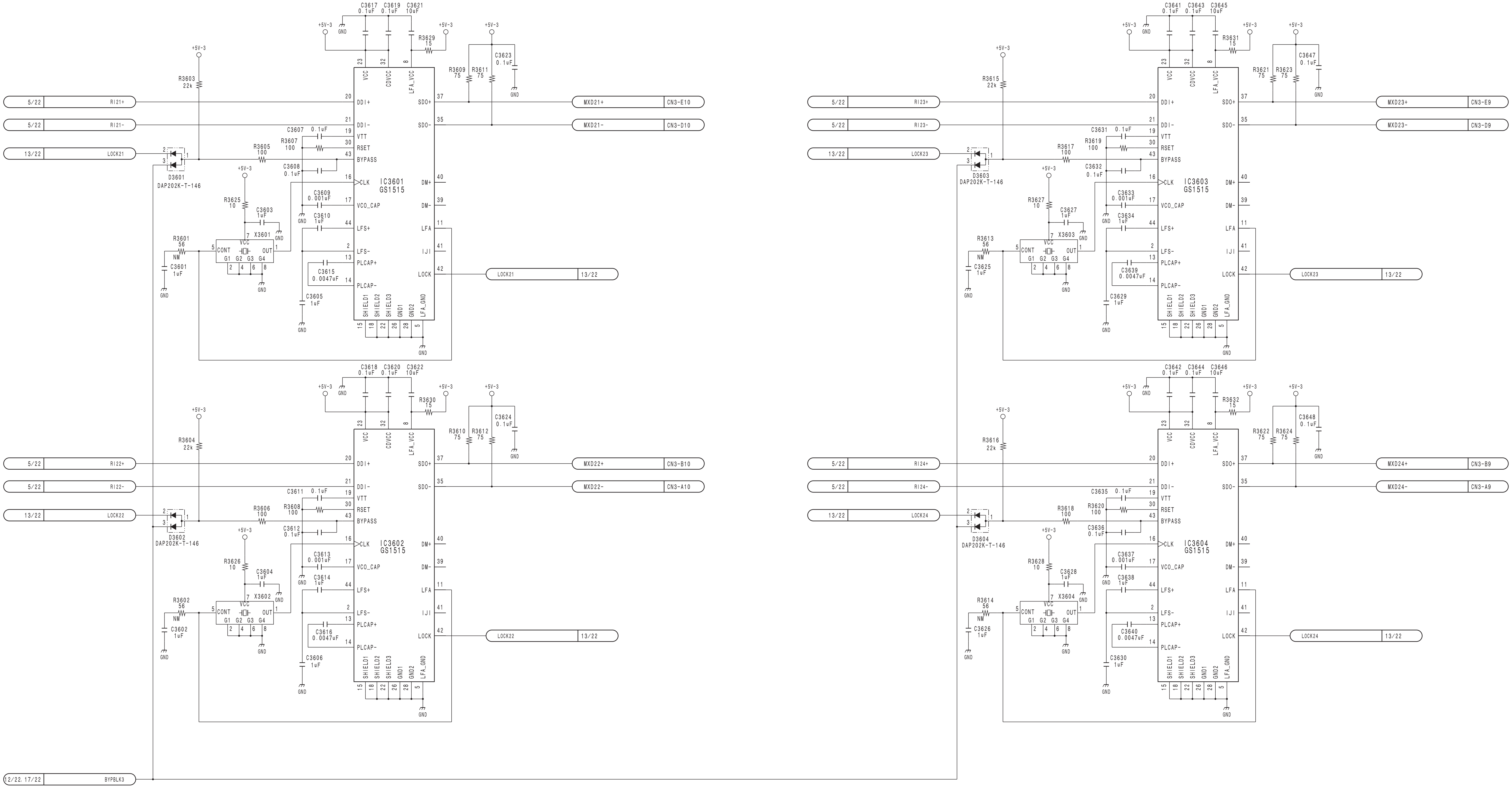
MX-96 (12/22)

BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_12

HKDS-X3060 : S/N 10001 and Higher


IC3601
GS1515
IC3602
GS1515
IC3603
GS1515
IC3604
GS1515
D3601
DAP202K-T-146
D3602
DAP202K-T-146
D3603
DAP202K-T-146
D3604
DAP202K-T-146
X3601
X3602
X3603
X3604
VCC
CDVCC
LFA_VCC
DDI+
DDI-
VTT
RSET
BYPASS
CLK
VCO_CAP
LFS+
LFS-
PLCAP+
PLCAP-
SDO+
SDO-
DM+
DM-
LFA
IJI
LOCK
SHIELD1
SHIELD2
SHIELD3
GND1
GND2
LFA_GND
CONT
OUT
G1 G2 G3 G4
+5V-3
GND
5/22 RI21+
5/22 RI21-
13/22 LOCK21
5/22 RI22+
5/22 RI22-
13/22 LOCK22
5/22 RI23+
5/22 RI23-
13/22 LOCK23
5/22 RI24+
5/22 RI24-
13/22 LOCK24
12/22,17/22 BYPBLK3
MXD21+ CN3-E10
MXD21- CN3-D10
MXD22+ CN3-B10
MXD22- CN3-A10
MXD23+ CN3-E9
MXD23- CN3-D9
MXD24+ CN3-B9
MXD24- CN3-A9
LOCK21 13/22
LOCK22 13/22
LOCK23 13/22
LOCK24 13/22
C3617 0.1uF
C3619 0.1uF
C3621 10uF
R3629 15
R3609 75
R3611 75
C3623 0.1uF
R3603 22k
C3607 0.1uF
R3607 100
R3605 100
C3608 0.1uF
C3609 0.001uF
C3610 1uF
R3625 10
C3603 1uF
R3601 56
NM
C3601 1uF
C3615 0.0047uF
C3605 1uF
C3618 0.1uF
C3620 0.1uF
C3622 10uF
R3630 15
R3610 75
R3612 75
C3624 0.1uF
R3604 22k
C3611 0.1uF
R3608 100
R3606 100
C3612 0.1uF
C3613 0.001uF
C3614 1uF
R3626 10
C3604 1uF
R3602 56
C3602 1uF
C3616 0.0047uF
C3606 1uF
C3641 0.1uF
C3643 0.1uF
C3645 10uF
R3631 15
R3621 75
R3623 75
C3647 0.1uF
R3615 22k
C3631 0.1uF
R3619 100
R3617 100
C3632 0.1uF
C3633 0.001uF
C3634 1uF
R3627 10
C3627 1uF
R3613 56
C3625 1uF
C3639 0.0047uF
C3629 1uF
C3642 0.1uF
C3644 0.1uF
C3646 10uF
R3632 15
R3622 75
R3624 75
C3648 0.1uF
R3616 22k
C3635 0.1uF
R3620 100
R3618 100
C3636 0.1uF
C3637 0.001uF
C3638 1uF
R3628 10
C3628 1uF
R3614 56
C3626 1uF
C3640 0.0047uF
C3630 1uF

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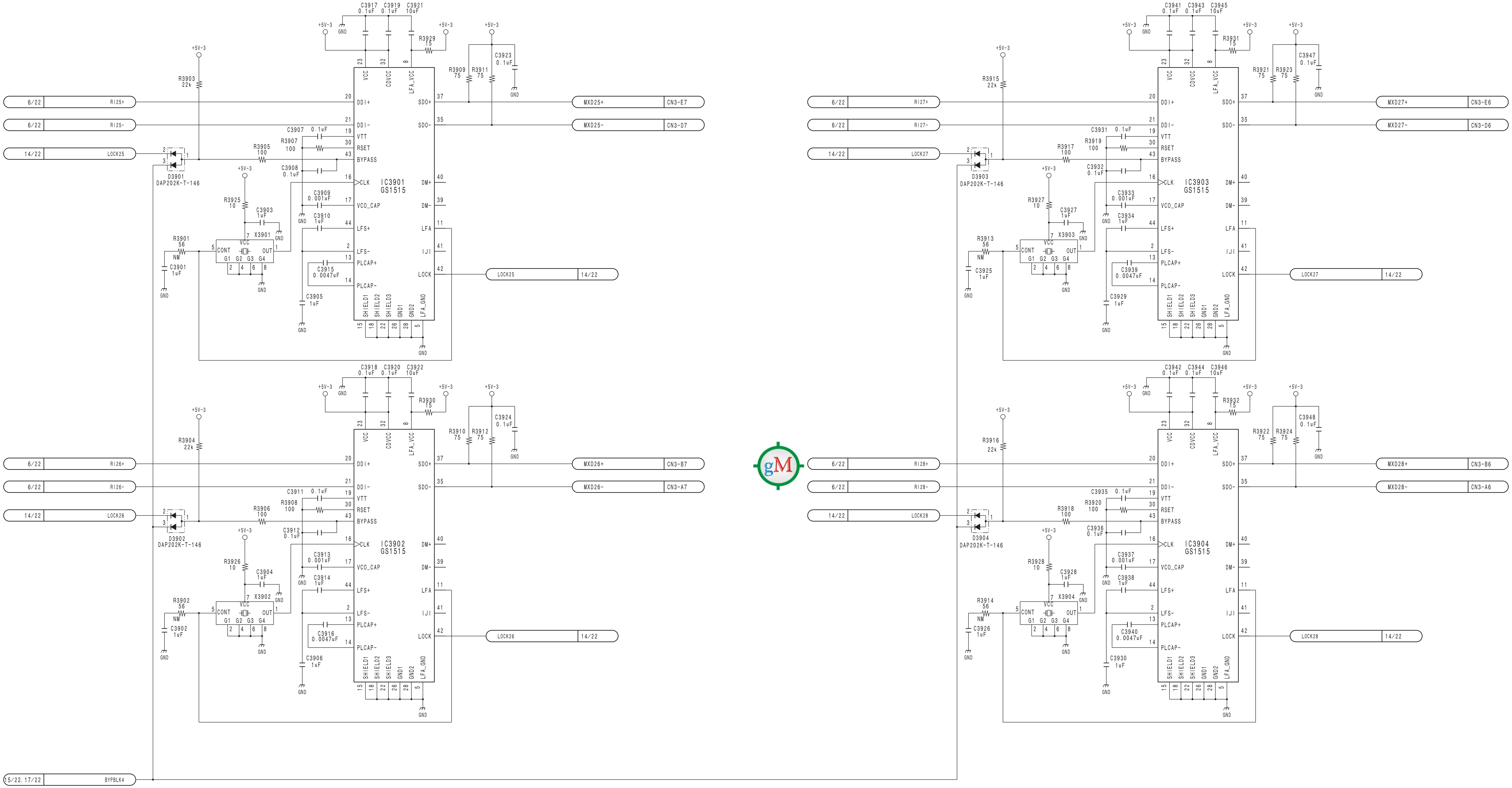
MX-96 (13/22)

BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_13

A B C D E F G H

HKDS-X3060 : S/N 10001 and Higher

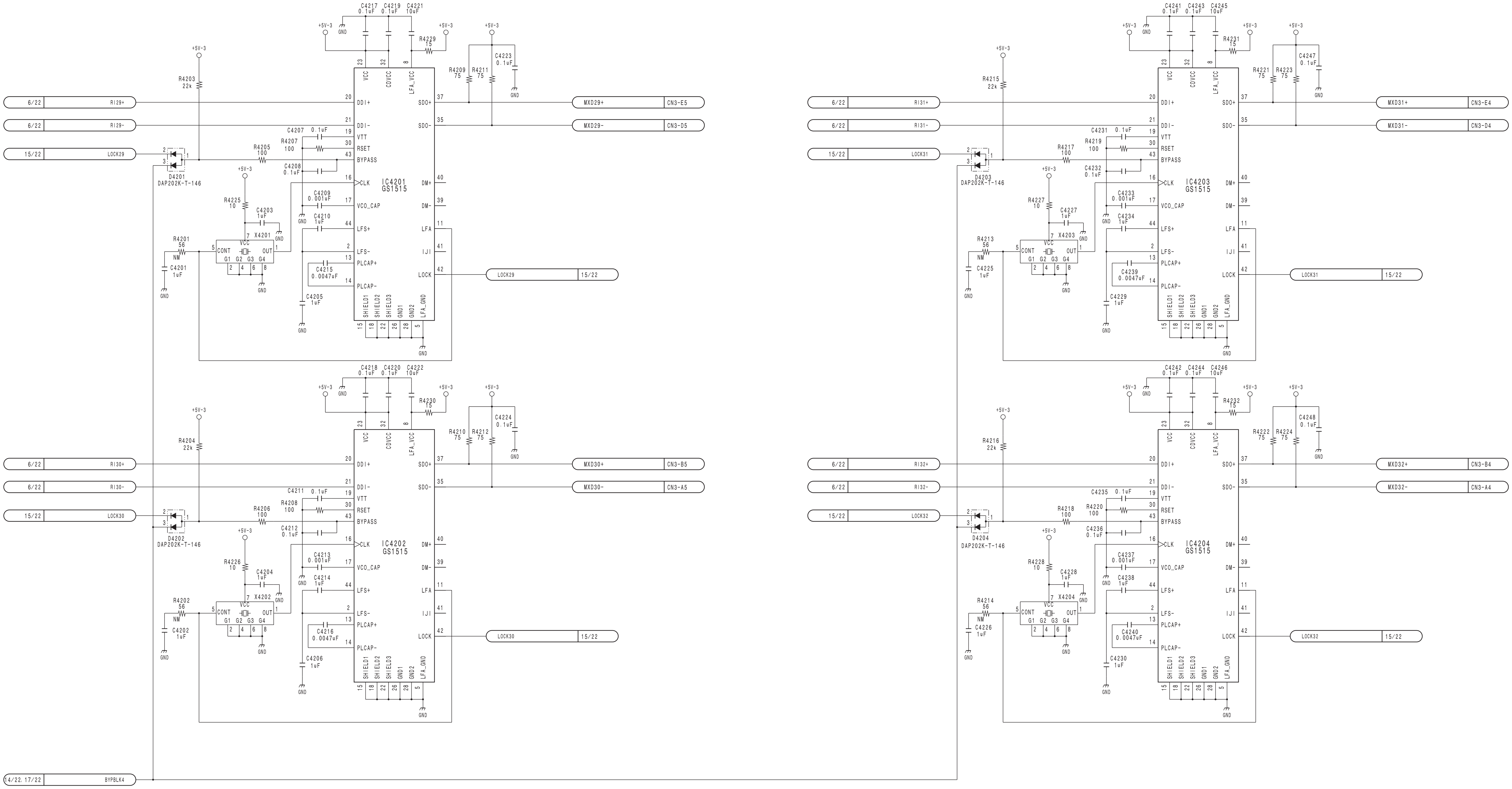


IC3901 GS1515
IC3902 GS1515
IC3903 GS1515
IC3904 GS1515
D3901 DAP202K-T-146
D3902 DAP202K-T-146
D3903 DAP202K-T-146
D3904 DAP202K-T-146
X3901
X3902
X3903
X3904
C3917 0.1uF
C3919 0.1uF
C3921 10uF
C3918 0.1uF
C3920 0.1uF
C3922 10uF
C3941 0.1uF
C3943 0.1uF
C3945 10uF
C3942 0.1uF
C3944 0.1uF
C3946 10uF
R3929 75
R3930 75
R3931 75
R3932 75
R3909 75
R3911 75
R3910 75
R3912 75
R3921 75
R3923 75
R3922 75
R3924 75
C3923 0.1uF
C3924 0.1uF
C3947 0.1uF
C3948 0.1uF
R3903 22k
R3904 22k
R3915 22k
R3916 22k
R3905 100
R3906 100
R3917 100
R3918 100
R3907 100
R3908 100
R3919 100
R3920 100
C3907 0.1uF
C3911 0.1uF
C3931 0.1uF
C3935 0.1uF
C3908 0.1uF
C3912 0.1uF
C3932 0.1uF
C3936 0.1uF
C3909 0.001uF
C3913 0.001uF
C3933 0.001uF
C3937 0.001uF
C3910 1uF
C3914 1uF
C3934 1uF
C3938 1uF
C3915 0.0047uF
C3916 0.0047uF
C3939 0.0047uF
C3940 0.0047uF
C3905 1uF
C3906 1uF
C3929 1uF
C3930 1uF
R3925 10
R3926 10
R3927 10
R3928 10
C3903 1uF
C3904 1uF
C3927 1uF
C3928 1uF
R3901 56
R3902 56
R3913 56
R3914 56
NM
C3901 1uF
C3902 1uF
C3925 1uF
C3926 1uF
+5V-3
GND
VCC
CDVCC
LFA_VCC
DDI+
DDI-
VTT
RSET
BYPASS
CLK
VCO_CAP
LFS+
LFS-
PLCAP+
PLCAP-
SHIELD1
SHIELD2
SHIELD3
GND1
GND2
LFA_GND
SDO+
SDO-
DM+
DM-
LFA
IJI
LOCK
CONT
OUT
G1 G2 G3 G4
6/22 RI25+
6/22 RI25-
14/22 LOCK25
MXD25+ CN3-E7
MXD25- CN3-D7
LOCK25 14/22
6/22 RI26+
6/22 RI26-
14/22 LOCK26
MXD26+ CN3-B7
MXD26- CN3-A7
LOCK26 14/22
6/22 RI27+
6/22 RI27-
14/22 LOCK27
MXD27+ CN3-E6
MXD27- CN3-D6
LOCK27 14/22
6/22 RI28+
6/22 RI28-
14/22 LOCK28
MXD28+ CN3-B6
MXD28- CN3-A6
LOCK28 14/22
15/22, 17/22 BYPBLK4
1
2
3
4
5
A
B
C
D
E
F
G
H

MX-96 (14/22)

BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_14

HKDS-X3060 : S/N 10001 and Higher


IC4201 GS1515
IC4202 GS1515
IC4203 GS1515
IC4204 GS1515
D4201 DAP202K-T-146
D4202 DAP202K-T-146
D4203 DAP202K-T-146
D4204 DAP202K-T-146
X4201
X4202
X4203
X4204
+5V-3
GND
6/22 RI29+
6/22 RI29-
15/22 LOCK29
6/22 RI30+
6/22 RI30-
15/22 LOCK30
6/22 RI31+
6/22 RI31-
15/22 LOCK31
6/22 RI32+
6/22 RI32-
15/22 LOCK32
14/22,17/22 BYPBLK4
MXD29+ CN3-E5
MXD29- CN3-D5
MXD30+ CN3-B5
MXD30- CN3-A5
MXD31+ CN3-E4
MXD31- CN3-D4
MXD32+ CN3-B4
MXD32- CN3-A4
LOCK29 15/22
LOCK30 15/22
LOCK31 15/22
LOCK32 15/22
VCC
CDVCC
LFA_VCC
DDI+
DDI-
VTT
RSET
BYPASS
CLK
VCO_CAP
LFS+
LFS-
PLCAP+
PLCAP-
SDO+
SDO-
DM+
DM-
LFA
IJI
LOCK
SHIELD1
SHIELD2
SHIELD3
GND1
GND2
LFA_GND
CONT
OUT
G1 G2 G3 G4
C4217 0.1uF
C4219 0.1uF
C4221 10uF
R4229 15
R4209 75
R4211 75
C4223 0.1uF
R4203 22k
C4207 0.1uF
R4207 100
R4205 100
C4208 0.1uF
C4209 0.001uF
C4210 1uF
R4225 10
C4203 1uF
R4201 56
NM
C4201 1uF
C4215 0.0047uF
C4205 1uF
C4218 0.1uF
C4220 0.1uF
C4222 10uF
R4230 15
R4210 75
R4212 75
C4224 0.1uF
R4204 22k
C4211 0.1uF
R4208 100
R4206 100
C4212 0.1uF
C4213 0.001uF
C4214 1uF
R4226 10
C4204 1uF
R4202 56
C4202 1uF
C4216 0.0047uF
C4206 1uF
C4241 0.1uF
C4243 0.1uF
C4245 10uF
R4231 15
R4221 75
R4223 75
C4247 0.1uF
R4215 22k
C4231 0.1uF
R4219 100
R4217 100
C4232 0.1uF
C4233 0.001uF
C4234 1uF
R4227 10
C4227 1uF
R4213 56
C4225 1uF
C4239 0.0047uF
C4229 1uF
C4242 0.1uF
C4244 0.1uF
C4246 10uF
R4232 15
R4222 75
R4224 75
C4248 0.1uF
R4216 22k
C4235 0.1uF
R4220 100
R4218 100
C4236 0.1uF
C4237 0.001uF
C4238 1uF
R4228 10
C4228 1uF
R4214 56
C4226 1uF
C4240 0.0047uF
C4230 1uF

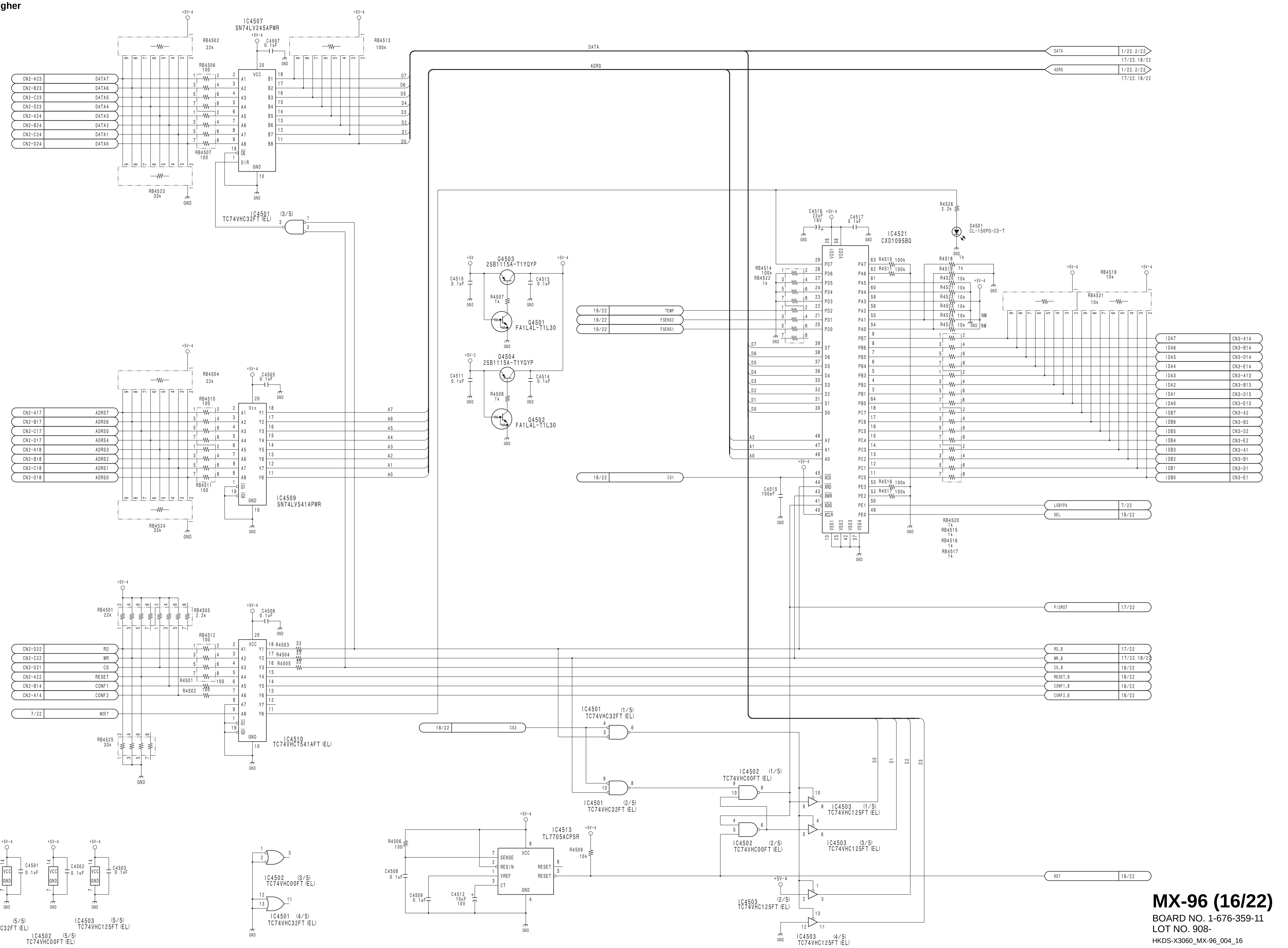
MX-96 (15/22)

BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_15

1
2
3
4
5
A
B
C
D
E
F
G
H

MX-96 (16/22)

HKDS-X3060 : S/N 10001 and Higher

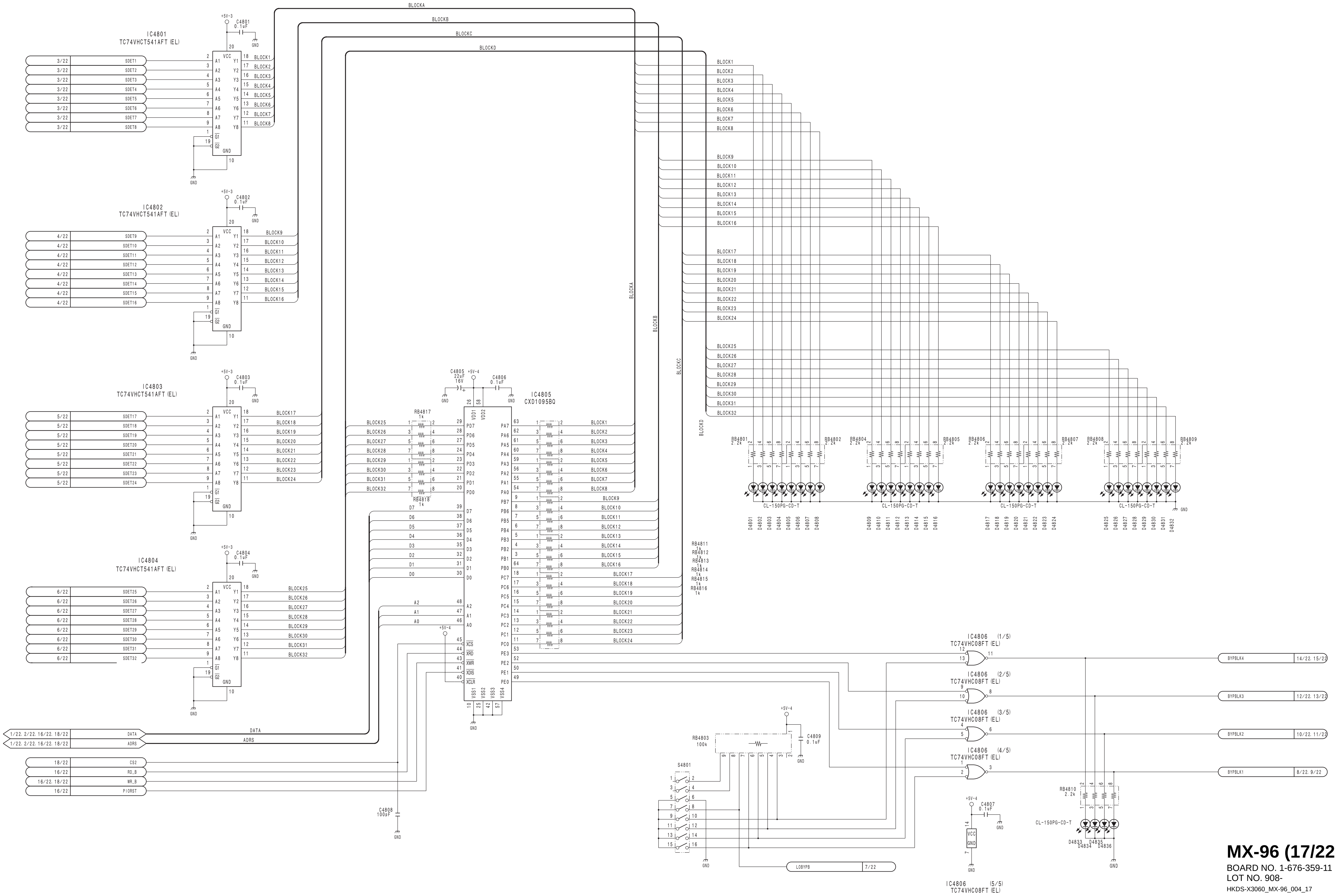

1
2
3
4
5
IC4507
SN74LV245APWR
RB4502 22k
RB4506 100
RB4507 100
RB4513 100k
RB4523 33k
C4507 0.1uF
CN2-A23 DATA7
CN2-B23 DATA6
CN2-C23 DATA5
CN2-D23 DATA4
CN2-A24 DATA3
CN2-B24 DATA2
CN2-C24 DATA1
CN2-D24 DATA0
DATA
ADRS
D7 D6 D5 D4 D3 D2 D1 D0
IC4501 (3/5)
TC74VHC32FT (EL)
RB4504 22k
RB4510 100
RB4511 100
RB4524 33k
C4505 0.1uF
CN2-A17 ADRS7
CN2-B17 ADRS6
CN2-C17 ADRS5
CN2-D17 ADRS4
CN2-A18 ADRS3
CN2-B18 ADRS2
CN2-C18 ADRS1
CN2-D18 ADRS0
A7 A6 A5 A4 A3 A2 A1 A0
IC4509
SN74LV541APWR
Q4503
2SB1115A-T1YQYP
Q4501
FA1L4L-T1L30
Q4504
2SB1115A-T1YQYP
Q4502
FA1L4L-T1L30
C4510 0.1uF
C4513 0.1uF
C4511 0.1uF
C4514 0.1uF
R4507 1k
R4508 1k
+5V
+5V-2
+5V-4
GND
19/22 TEMP
19/22 FSENS2
19/22 FSENS1
18/22 CS1
IC4521
CXD1095BQ
C4516 22uF 16V
C4517 0.1uF
C4515 100pF
R4526 2.2k
D4501
CL-150PG-CD-T
RB4514 100k
RB4522 1k
R4510 100k
R4511 100k
R4518 1k
R4519 1k
R4520 10k
R4521 10k
R4522 10k
R4523 10k
R4524 10k
R4525 10k
R4516 100k
R4517 100k
RB4519 10k
RB4521 10k
RB4520 1k
RB4515 1k
RB4516 1k
RB4517 1k
NM
IDA7 CN3-A14
IDA6 CN3-B14
IDA5 CN3-D14
IDA4 CN3-E14
IDA3 CN3-A13
IDA2 CN3-B13
IDA1 CN3-D13
IDA0 CN3-E13
IDB7 CN3-A2
IDB6 CN3-B2
IDB5 CN3-D2
IDB4 CN3-E2
IDB3 CN3-A1
IDB2 CN3-B1
IDB1 CN3-D1
IDB0 CN3-E1
LOBYPA 7/22
SEL 18/22
PIORST 17/22
DATA 1/22, 2/22 17/22, 18/22
ADRS 1/22, 2/22 17/22, 18/22
RB4501 22k
RB4505 2.2k
RB4512 100
RB4525 33k
R4501 100
R4502 100
R4503 33
R4504 33
R4505 33
C4506 0.1uF
CN2-D22 RD
CN2-C22 WR
CN2-D21 CS
CN2-A22 RESET
CN2-B14 CONF1
CN2-A14 CONF2
7/22 MDET
IC4510
TC74VHCT541AFT (EL)
RD_B 17/22
WR_B 17/22, 18/22
CS_B 18/22
RESET_B 18/22
CONF1_B 18/22
CONF2_B 18/22
18/22 CS3
IC4501 (1/5)
TC74VHC32FT (EL)
IC4501 (2/5)
TC74VHC32FT (EL)
IC4502 (1/5)
TC74VHC00FT (EL)
IC4502 (2/5)
TC74VHC00FT (EL)
IC4503 (1/5)
TC74VHC125FT (EL)
IC4503 (3/5)
TC74VHC125FT (EL)
IC4503 (2/5)
TC74VHC125FT (EL)
IC4503 (4/5)
TC74VHC125FT (EL)
IC4513
TL7705ACPSR
SENSE RESIN VREF CT VCC RESET GND
R4506 100
R4509 10k
C4508 0.1uF
C4509 0.1uF
C4512 10uF 10V
RST 18/22
C4501 0.1uF
C4502 0.1uF
C4503 0.1uF
IC4501 (5/5)
TC74VHC32FT (EL)
IC4502 (5/5)
TC74VHC00FT (EL)
IC4503 (5/5)
TC74VHC125FT (EL)
IC4502 (3/5)
TC74VHC00FT (EL)
IC4501 (4/5)
TC74VHC32FT (EL)

MX-96 (16/22)

BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_16

MX-96 (17/22)

HKDS-X3060 : S/N 10001 and Higher


IC4801
TC74VHCT541AFT (EL)
IC4802
TC74VHCT541AFT (EL)
IC4803
TC74VHCT541AFT (EL)
IC4804
TC74VHCT541AFT (EL)
IC4805
CXD1095BQ
IC4806 (1/5)
TC74VHC08FT (EL)
IC4806 (2/5)
TC74VHC08FT (EL)
IC4806 (3/5)
TC74VHC08FT (EL)
IC4806 (4/5)
TC74VHC08FT (EL)
IC4806 (5/5)
TC74VHC08FT (EL)
BLOCKA
BLOCKB
BLOCKC
BLOCKD
DATA
ADRS
CS2
RD_B
WR_B
PIORST
S4801
RB4803
100k
C4809
0.1uF
C4808
100pF
RB4810
2.2k
CL-150PG-CD-T
BYPBLK4
BYPBLK3
BYPBLK2
BYPBLK1
LOBYPB
7/22
14/22, 15/22
12/22, 13/22
10/22, 11/22
8/22, 9/22
1/22, 2/22, 16/22, 18/22
+5V-3
+5V-4
GND
1
2
3
4
5

MX-96 (17/22)
BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_17

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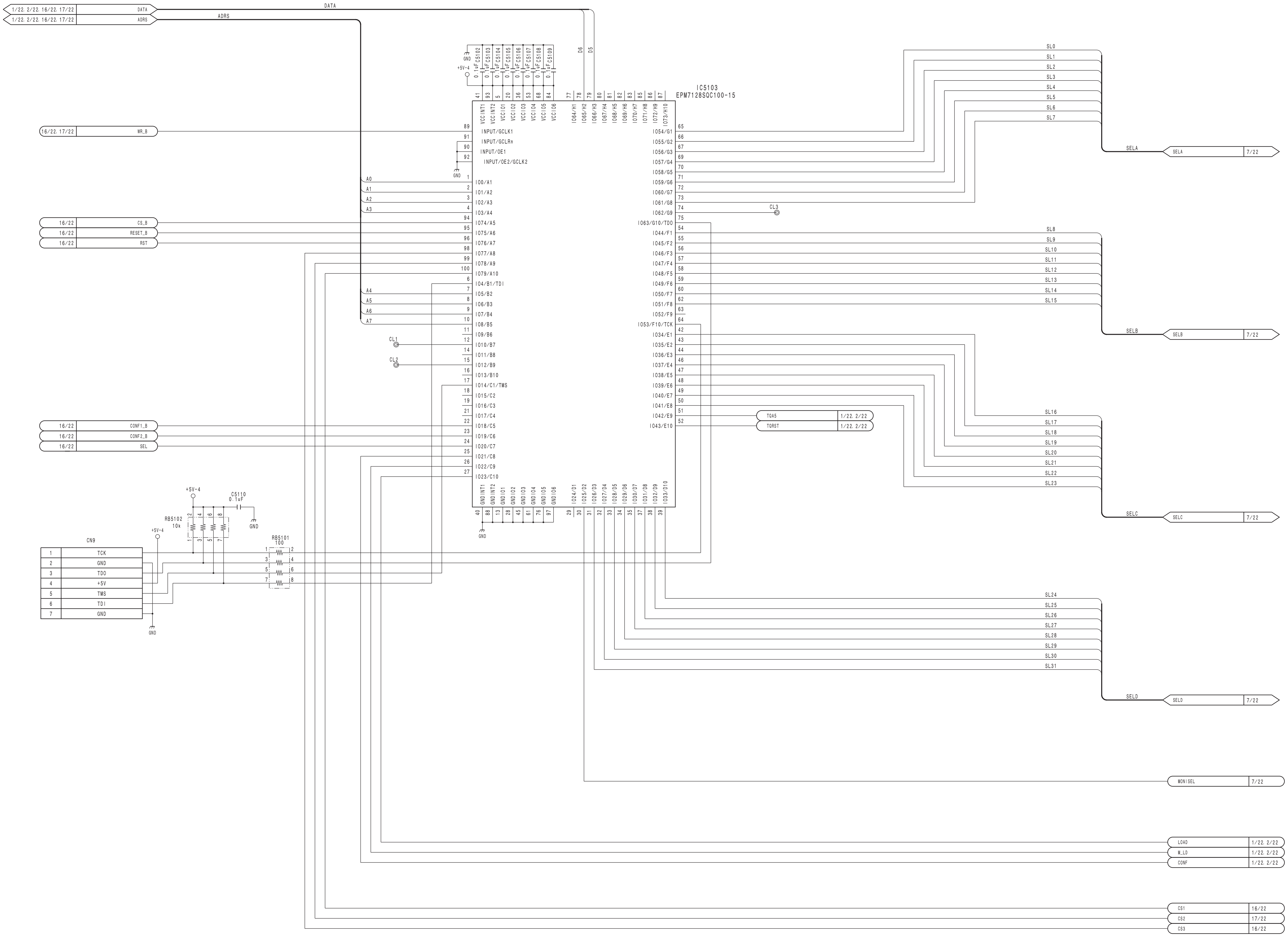
MX-96 (18/22)

HKDS-X3060 : S/N 10001 and Higher


IC5103
EPM7128SQC100-15
DATA
ADRS
1/22, 2/22, 16/22, 17/22
WR_B
16/22, 17/22
CS_B
RESET_B
RST
16/22
CONF1_B
CONF2_B
SEL
INPUT/GCLK1
INPUT/GCLRn
INPUT/OE1
INPUT/OE2/GCLK2
A0
A1
A2
A3
A4
A5
A6
A7
D5
D6
CL1
CL2
CL3
C5102
C5103
C5104
C5105
C5106
C5107
C5108
C5109
0.1uF
+5V-4
GND
C5110
RB5101
100
RB5102
10k
CN9
TCK
TDO
+5V
TMS
TDI
SL0
SL1
SL2
SL3
SL4
SL5
SL6
SL7
SELA
7/22
SL8
SL9
SL10
SL11
SL12
SL13
SL14
SL15
SELB
SL16
SL17
SL18
SL19
SL20
SL21
SL22
SL23
SELC
TQA5
TQRST
1/22, 2/22
SL24
SL25
SL26
SL27
SL28
SL29
SL30
SL31
SELD
MONISEL
LOAD
M_LD
CONF
CS1
CS2
CS3
17/22

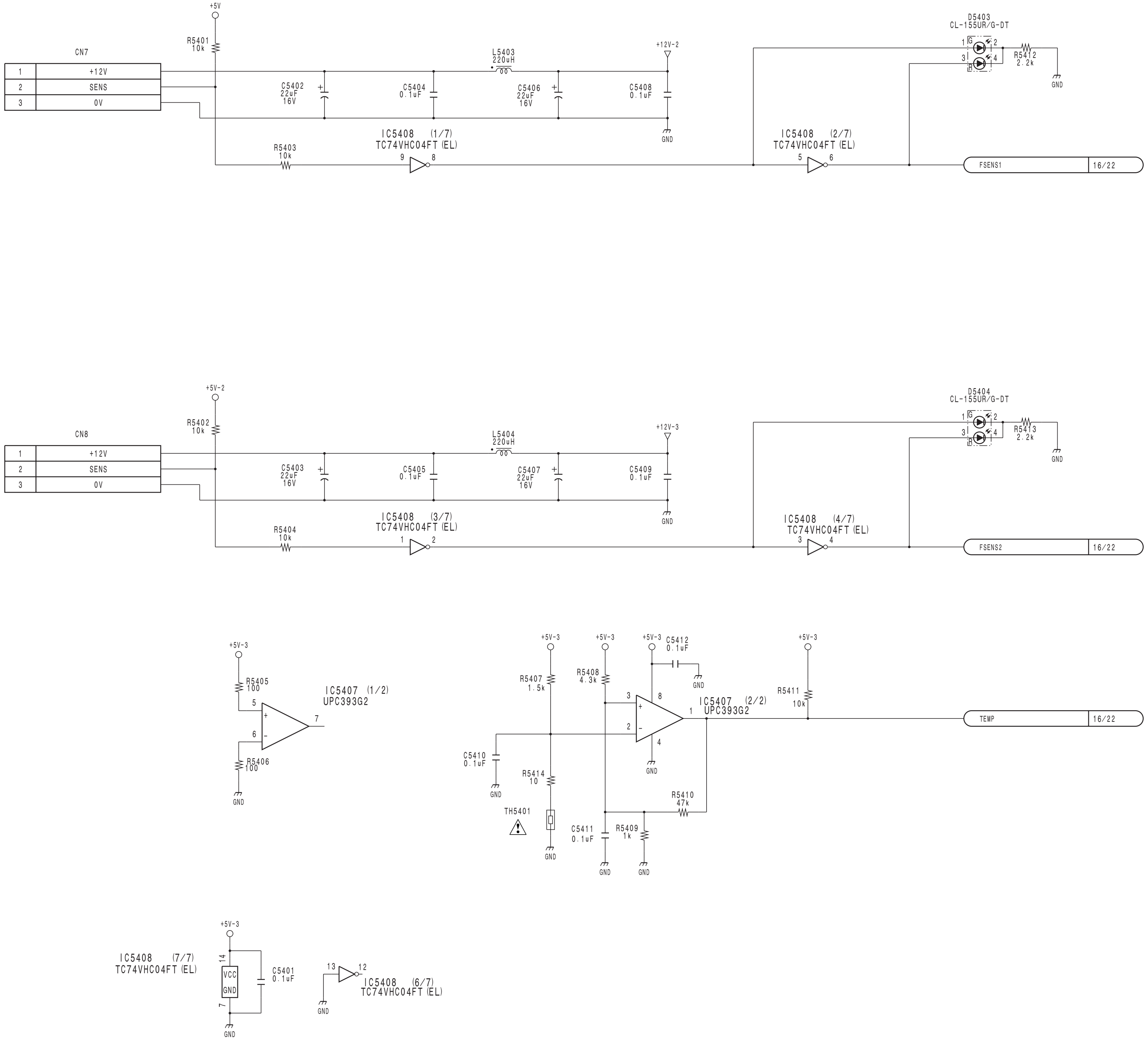
MX-96 (18/22)

BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_18

4-96

http://getMANUAL.com

HKDS-X3060 : S/N 10001 and Higher



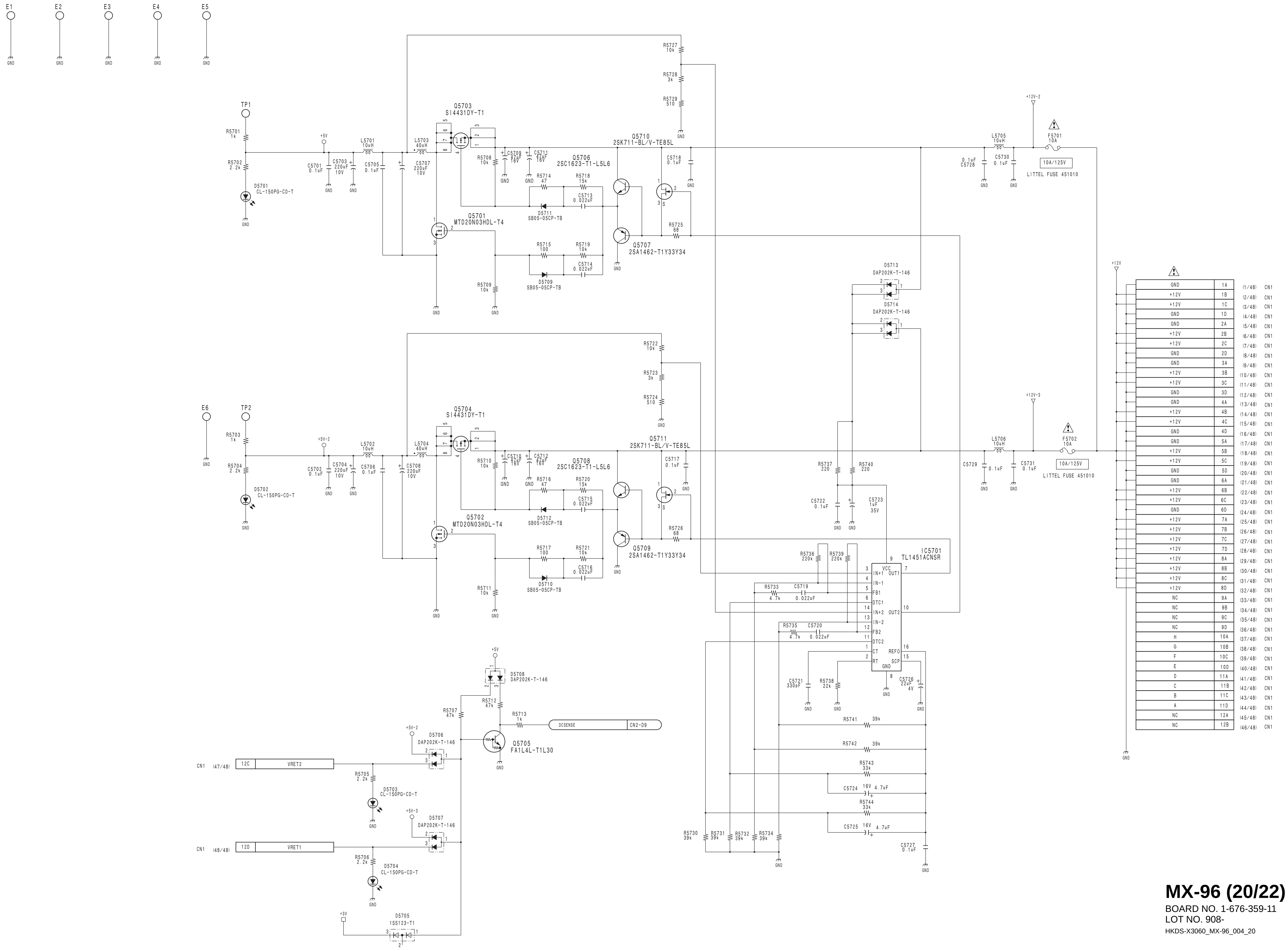
CN7
1 +12V
2 SENS
3 0V
+5V
R5401 10k
C5402 22uF 16V
C5404 0.1uF
L5403 220uH
C5406 22uF 16V
+12V-2
C5408 0.1uF
GND
R5403 10k
IC5408 (1/7) TC74VHC04FT(EL)
9 8
IC5408 (2/7) TC74VHC04FT(EL)
5 6
D5403 CL-155UR/G-DT
R5412 2.2k
FSENS1 16/22
CN8
1 +12V
2 SENS
3 0V
+5V-2
R5402 10k
C5403 22uF 16V
C5405 0.1uF
L5404 220uH
C5407 22uF 16V
+12V-3
C5409 0.1uF
R5404 10k
IC5408 (3/7) TC74VHC04FT(EL)
1 2
IC5408 (4/7) TC74VHC04FT(EL)
3 4
D5404 CL-155UR/G-DT
R5413 2.2k
FSENS2 16/22
+5V-3
R5405 100
R5406 100
IC5407 (1/2) UPC393G2
R5407 1.5k
R5408 4.3k
C5412 0.1uF
IC5407 (2/2) UPC393G2
R5411 10k
TEMP 16/22
C5410 0.1uF
R5414 10
TH5401
C5411 0.1uF
R5409 1k
R5410 47k
IC5408 (7/7) TC74VHC04FT(EL)
VCC
GND
C5401 0.1uF
IC5408 (6/7) TC74VHC04FT(EL)
13 12

MX-96 (19/22)

BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_19

MX-96 (20/22)

HKDS-X3060 : S/N 10001 and Higher


1
2
3
4
5
E1
E2
E3
E4
E5
E6
TP1
TP2
GND
R5701 1k
R5702 2.2k
D5701 CL-150PG-CD-T
R5703 1k
R5704 2.2k
D5702 CL-150PG-CD-T
+5V
+5V-2
C5701 0.1uF
C5702 0.1uF
C5703 220uF 10V
C5704 220uF 10V
C5705 0.1uF
C5706 0.1uF
L5701 10uH
L5702 10uH
L5703 40uH
L5704 40uH
C5707 220uF 10V
C5708 220uF 10V
Q5703 SI4431DY-T1
Q5704 SI4431DY-T1
Q5701 MTD20N03HDL-T4
Q5702 MTD20N03HDL-T4
R5708 10k
R5709 10k
R5710 10k
R5711 10k
C5709 47uF 16V
C5710 47uF 16V
C5711 47uF 16V
C5712 47uF 16V
R5714 47
R5716 47
R5715 100
R5717 100
R5718 15k
R5720 15k
R5719 10k
R5721 10k
C5713 0.022uF
C5714 0.022uF
C5715 0.022uF
C5716 0.022uF
D5709 SB05-05CP-TB
D5710 SB05-05CP-TB
D5711 SB05-05CP-TB
D5712 SB05-05CP-TB
Q5706 2SC1623-T1-L5L6
Q5708 2SC1623-T1-L5L6
Q5707 2SA1462-T1Y33Y34
Q5709 2SA1462-T1Y33Y34
Q5710 2SK711-BL/V-TE85L
Q5711 2SK711-BL/V-TE85L
R5727 10k
R5728 3k
R5729 510
R5722 10k
R5723 3k
R5724 510
C5717 0.1uF
C5718 0.1uF
R5725 68
R5726 68
D5713 DAP202K-T-146
D5714 DAP202K-T-146
+12V-2
+12V-3
L5705 10uH
L5706 10uH
C5728 0.1uF
C5729 0.1uF
C5730 0.1uF
C5731 0.1uF
F5701 10A
F5702 10A
10A/125V
LITTEL FUSE 451010
R5737 220
R5740 220
C5722 0.1uF
C5723 1uF 35V
R5736 220k
R5739 220k
IC5701 TL1451ACNSR
VCC
IN+1
IN-1
FB1
DTC1
IN+2
IN-2
FB2
DTC2
CT
RT
GND
OUT1
OUT2
REFO
SCP
R5733 4.7k
C5719 0.022uF
R5735 4.7k
C5720 0.022uF
C5721 330pF
R5738 22k
C5726 22uF 4V
R5741 39k
R5742 39k
R5743 33k
R5744 33k
C5724 16V 4.7uF
C5725 16V 4.7uF
C5727 0.1uF
R5730 39k
R5731 39k
R5732 39k
R5734 39k
+5V
D5708 DAP202K-T-146
R5707 47k
R5712 47k
R5713 1k
DCSENSE
CN2-D9
Q5705 FA1L4L-T1L30
+5V-2
D5706 DAP202K-T-146
+5V-3
D5707 DAP202K-T-146
CN1 (47/48) 12C VRET2
CN1 (48/48) 12D VRET1
R5705 2.2k
R5706 2.2k
D5703 CL-150PG-CD-T
D5704 CL-150PG-CD-T
+3V
D5705 1SS123-T1
+12V
GND 1A (1/48) CN1
+12V 1B (2/48) CN1
+12V 1C (3/48) CN1
GND 1D (4/48) CN1
GND 2A (5/48) CN1
+12V 2B (6/48) CN1
+12V 2C (7/48) CN1
GND 2D (8/48) CN1
GND 3A (9/48) CN1
+12V 3B (10/48) CN1
+12V 3C (11/48) CN1
GND 3D (12/48) CN1
GND 4A (13/48) CN1
+12V 4B (14/48) CN1
+12V 4C (15/48) CN1
GND 4D (16/48) CN1
GND 5A (17/48) CN1
+12V 5B (18/48) CN1
+12V 5C (19/48) CN1
GND 5D (20/48) CN1
GND 6A (21/48) CN1
+12V 6B (22/48) CN1
+12V 6C (23/48) CN1
GND 6D (24/48) CN1
+12V 7A (25/48) CN1
+12V 7B (26/48) CN1
+12V 7C (27/48) CN1
+12V 7D (28/48) CN1
+12V 8A (29/48) CN1
+12V 8B (30/48) CN1
+12V 8C (31/48) CN1
+12V 8D (32/48) CN1
NC 9A (33/48) CN1
NC 9B (34/48) CN1
NC 9C (35/48) CN1
NC 9D (36/48) CN1
H 10A (37/48) CN1
G 10B (38/48) CN1
F 10C (39/48) CN1
E 10D (40/48) CN1
D 11A (41/48) CN1
C 11B (42/48) CN1
B 11C (43/48) CN1
A 11D (44/48) CN1
NC 12A (45/48) CN1
NC 12B (46/48) CN1

MX-96 (20/22)

BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_20

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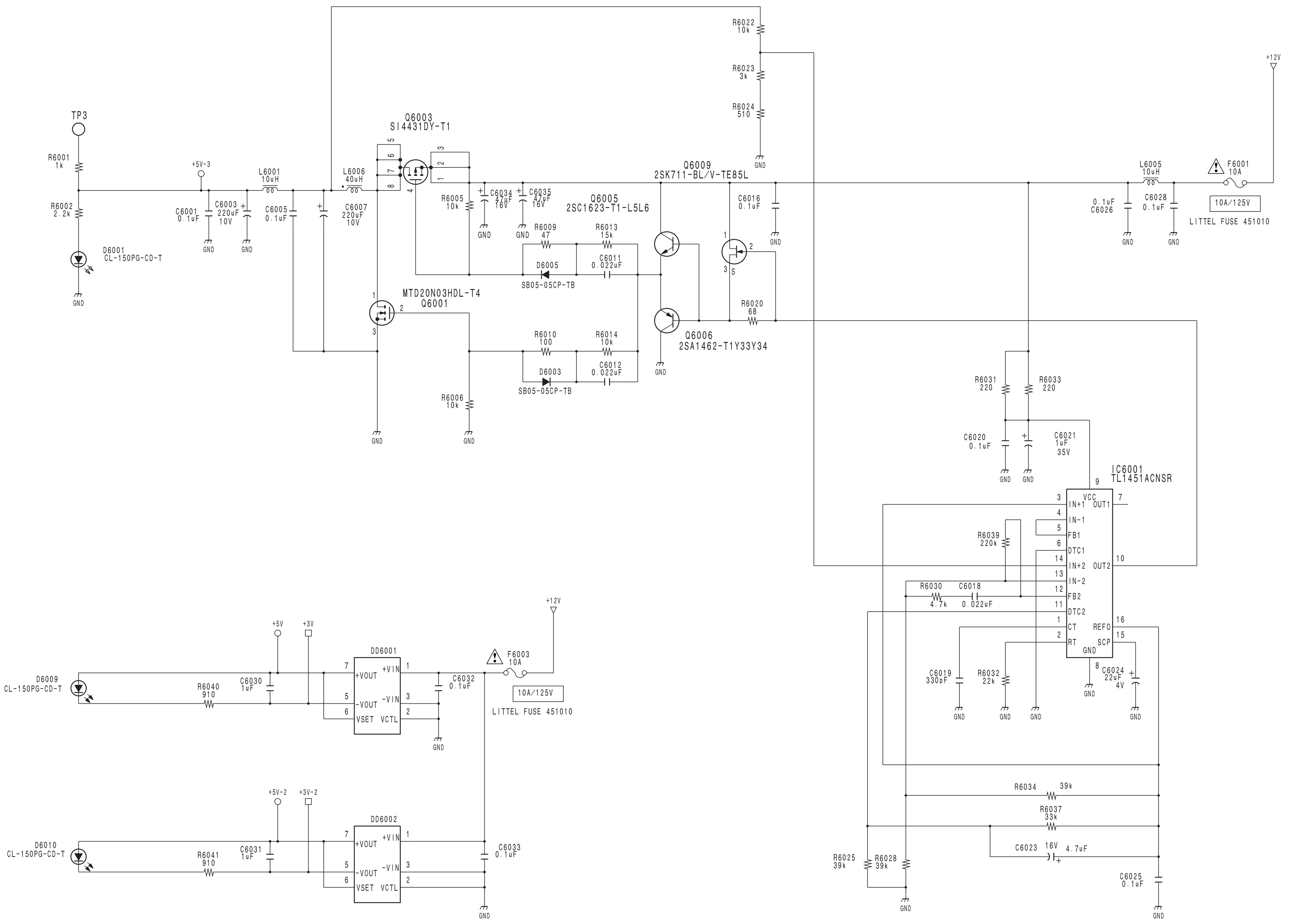
A B C D E F G H

HKDS-X3060 : S/N 10001 and Higher


TP3
R6001 1k
R6002 2.2k
D6001 CL-150PG-CD-T
GND
+5V-3
C6001 0.1uF
C6003 220uF 10V
L6001 10uH
C6005 0.1uF
L6006 40uH
C6007 220uF 10V
Q6003 SI4431DY-T1
R6005 10k
C6034 47uF 16V
C6035 47uF 16V
Q6005 2SC1623-T1-L5L6
Q6009 2SK711-BL/V-TE85L
R6022 10k
R6023 3k
R6024 510
C6016 0.1uF
R6009 47
R6013 15k
D6005 SB05-05CP-TB
C6011 0.022uF
MTD20N03HDL-T4 Q6001
R6020 68
Q6006 2SA1462-T1Y33Y34
R6010 100
R6014 10k
D6003 SB05-05CP-TB
C6012 0.022uF
R6006 10k
+12V
L6005 10uH
F6001 10A
10A/125V
LITTEL FUSE 451010
C6026 0.1uF
C6028 0.1uF
R6031 220
R6033 220
C6020 0.1uF
C6021 1uF 35V
IC6001 TL1451ACNSR
VCC
IN+1
IN-1
FB1
DTC1
IN+2
IN-2
FB2
DTC2
CT
RT
OUT1
OUT2
REF0
SCP
GND
R6039 220k
R6030 4.7k
C6018 0.022uF
C6019 330pF
R6032 22k
C6024 22uF 4V
R6034 39k
R6037 33k
C6023 16V 4.7uF
R6025 39k
R6028 39k
C6025 0.1uF
D6009 CL-150PG-CD-T
R6040 910
C6030 1uF
+5V
+3V
DD6001
+VOUT
-VOUT
VSET
+VIN
-VIN
VCTL
C6032 0.1uF
F6003 10A
10A/125V
LITTEL FUSE 451010
D6010 CL-150PG-CD-T
R6041 910
C6031 1uF
+5V-2
+3V-2
DD6002
C6033 0.1uF

MX-96 (21/22)

BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_21

HKDS-X3060 : S/N 10001 and Higher

CN6

	H	G	A	B	C	D	E	F
1		GND	IND125-	IND125+	GND	IND61-	IND61+	
2	GND	GND	IND94+	IND94-	GND	IND30+	IND30-	GND
3		GND	IND126-	IND126+	GND	IND62-	IND62+	
4		GND	GND	GND	GND	GND	GND	GND
5		GND	IND95+	IND95-	GND	IND31+	IND31-	
6	GND	GND	IND127-	IND127+	GND	IND63-	IND63+	GND
7		GND	IND96+	IND96-	GND	IND32+	IND32-	
8	GND	GND	IND128-	IND128+	GND	IND64-	IND64+	GND
9		GND	GND	GND	GND	GND	GND	
10		GND	(RSV3+)	(RSV3-)	GND	(RSV1+)	(RSV1-)	GND
11		GND	(RSV4-)	(RSV4+)	GND	(RSV2-)	(RSV2+)	
12	GND	GND			GND			GND

CN5

	H	G	A	B	C	D	E	F
1		GND	IND84+	IND84-	GND	IND20+	IND20-	
2	GND	GND	IND116-	IND116+	GND	IND52-	IND52+	GND
3		GND	GND	GND	GND	GND	GND	
4		GND	IND85+	IND85-	GND	IND21+	IND21-	GND
5		GND	IND117-	IND117+	GND	IND53-	IND53+	
6	GND	GND	IND86+	IND86-	GND	IND22+	IND22-	GND
7		GND	IND118-	IND118+	GND	IND54-	IND54+	
8	GND	GND	GND	GND	GND	GND	GND	GND
9		GND	IND87+	IND87-	GND	IND23+	IND23-	
10		GND	IND119-	IND119+	GND	IND55-	IND55+	GND
11		GND	IND88+	IND88-	GND	IND24+	IND24-	
12	GND	GND	IND120-	IND120+	GND	IND56-	IND56+	GND
13		GND	GND	GND	GND	GND	GND	
14	GND	GND	IND89+	IND89-	GND	IND25+	IND25-	GND
15		GND	IND121-	IND121+	GND	IND57-	IND57+	
16		GND	IND90+	IND90-	GND	IND26+	IND26-	GND
17		GND	IND122-	IND122+	GND	IND58-	IND58+	
18	GND	GND	GND	GND	GND	GND	GND	GND
19		GND	IND91+	IND91-	GND	IND27+	IND27-	
20	GND	GND	IND123-	IND123+	GND	IND59-	IND59+	GND
21		GND	IND92+	IND92-	GND	IND28+	IND28-	
22		GND	IND124-	IND124+	GND	IND60-	IND60+	GND
23		GND	GND	GND	GND	GND	GND	
24	GND	GND	IND93+	IND93-	GND	IND29+	IND29-	GND

CN4

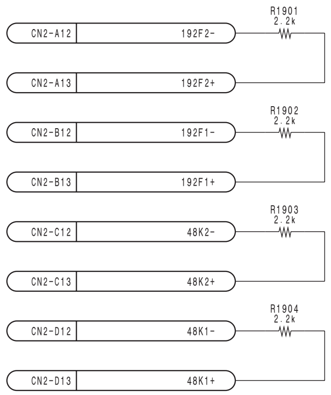
	H	G	A	B	C	D	E	F
1		GND	GND	GND	GND	GND	GND	
2	GND	GND	IND65+	IND65-	GND	IND1+	IND1-	GND
3		GND	IND97-	IND97+	GND	IND33-	IND33+	
4		GND	IND66+	IND66-	GND	IND2+	IND2-	GND
5		GND	IND98-	IND98+	GND	IND34-	IND34+	
6	GND	GND	GND	GND	GND	GND	GND	GND
7		GND	IND67+	IND67-	GND	IND3+	IND3-	
8	GND	GND	IND99-	IND99+	GND	IND35-	IND35+	GND
9		GND	IND68+	IND68-	GND	IND4+	IND4-	
10		GND	IND100-	IND100+	GND	IND36-	IND36+	GND
11		GND	GND	GND	GND	GND	GND	
12	GND	GND	IND69+	IND69-	GND	IND5+	IND5-	GND
13		GND	IND101-	IND101+	GND	IND37-	IND37+	
14	GND	GND	IND70+	IND70-	GND	IND6+	IND6-	GND
15		GND	IND102-	IND102+	GND	IND38-	IND38+	
16		GND	GND	GND	GND	GND	GND	GND
17		GND	IND71+	IND71-	GND	IND7+	IND7-	
18	GND	GND	IND103-	IND103+	GND	IND39-	IND39+	GND
19		GND	IND72+	IND72-	GND	IND8+	IND8-	
20	GND	GND	IND104-	IND104+	GND	IND40-	IND40+	GND
21		GND	GND	GND	GND	GND	GND	
22		GND	IND73+	IND73-	GND	IND9+	IND9-	GND
23		GND	IND105-	IND105+	GND	IND41-	IND41+	
24	GND	GND	IND74+	IND74-	GND	IND10+	IND10-	GND
25		GND	IND106-	IND106+	GND	IND42-	IND42+	
26	GND	GND	GND	GND	GND	GND	GND	GND
27		GND	IND75+	IND75-	GND	IND11+	IND11-	
28		GND	IND107-	IND107+	GND	IND43-	IND43+	GND
29		GND	IND76+	IND76-	GND	IND12+	IND12-	
30	GND	GND	IND108-	IND108+	GND	IND44-	IND44+	GND
31		GND	GND	GND	GND	GND	GND	
32	GND	GND	IND77+	IND77-	GND	IND13+	IND13-	GND
33		GND	IND109-	IND109+	GND	IND45-	IND45+	
34		GND	IND78+	IND78-	GND	IND14+	IND14-	GND
35		GND	IND110-	IND110+	GND	IND46-	IND46+	
36	GND	GND	GND	GND	GND	GND	GND	GND
37		GND	IND79+	IND79-	GND	IND15+	IND15-	
38	GND	GND	IND111-	IND111+	GND	IND47-	IND47+	GND
39		GND	IND80+	IND80-	GND	IND16+	IND16-	
40		GND	IND112-	IND112+	GND	IND48-	IND48+	GND
41		GND	GND	GND	GND	GND	GND	
42	GND	GND	IND81+	IND81-	GND	IND17+	IND17-	GND
43		GND	IND113-	IND113+	GND	IND49-	IND49+	
44	GND	GND	IND82+	IND82-	GND	IND18+	IND18-	GND
45		GND	IND114-	IND114+	GND	IND50-	IND50+	
46		GND	GND	GND	GND	GND	GND	GND
47		GND	IND83+	IND83-	GND	IND19+	IND19-	
48	GND	GND	IND115-	IND115+	GND	IND51-	IND51+	GND

CN3

	H	G	A	B	C	D	E	F
1		GND	IDB3	IDB2	GND	IDB1	IDB0	
2	GND	GND	IDB7	IDB6	GND	IDB5	IDB4	GND
3		GND	MON12-	MON12+	GND	GND	GND	
4		GND	MXD32-	MXD32+	GND	MXD31-	MXD31+	GND
5		GND	MXD30-	MXD30+	GND	MXD29-	MXD29+	
6	GND	GND	MXD28-	MXD28+	GND	MXD27-	MXD27+	GND
7		GND	MXD26-	MXD26+	GND	MXD25-	MXD25+	
8	GND	GND	GND	GND	GND	GND	GND	GND
9		GND	MXD24-	MXD24+	GND	MXD23-	MXD23+	
10		GND	MXD22-	MXD22+	GND	MXD21-	MXD21+	GND
11		GND	MXD20-	MXD20+	GND	MXD19-	MXD19+	
12	GND	GND	MXD18-	MXD18+	GND	MXD17-	MXD17+	GND
13		GND	IDA3	IDA2	GND	IDA1	IDA0	
14	GND	GND	IDA7	IDA6	GND	IDA5	IDA4	GND
15		GND	MON11-	MON11+	GND	GND	GND	
16		GND	MXD16-	MXD16+	GND	MXD15-	MXD15+	GND
17		GND	MXD14-	MXD14+	GND	MXD13-	MXD13+	
18	GND	GND	MXD12-	MXD12+	GND	MXD11-	MXD11+	GND
19		GND	MXD10-	MXD10+	GND	MXD9-	MXD9+	
20	GND	GND	GND	GND	GND	GND	GND	GND
21		GND	MXD8-	MXD8+	GND	MXD7-	MXD7+	
22		GND	MXD6-	MXD6+	GND	MXD5-	MXD5+	GND
23		GND	MXD4-	MXD4+	GND	MXD3-	MXD3+	
24	GND	GND	MXD2-	MXD2+	GND	MXD1-	MXD1+	GND

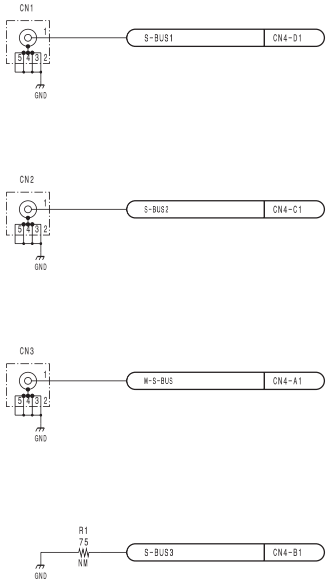
CN2

	A	B	C	D
1				
2				
3				
4				
5				
6				
7				
8			(SYNC2)	(SYNC1)
9				DCSENSE
10				
11				
12	192F2-	192F1-	48K2-	48K1-
13	192F2+	192F1+	48K2+	48K1+
14	CONF2	CONF1	GND	GND
15	(ADRS15)	(ADRS14)	(ADRS13)	(ADRS12)
16	(ADRS11)	(ADRS10)	(ADRS9)	(ADRS8)
17	ADRS7	ADRS6	ADRS5	ADRS4
18	ADRS3	ADRS2	ADRS1	ADRS0
19	(RSV6)	(RSV5)	GND	GND
20				
21				CS
22	RESET	(RSV7)	WR	RD
23	DATA7	DATA6	DATA5	DATA4
24	DATA3	DATA2	DATA1	DATA0



MX-96 (22/22)
BOARD NO. 1-676-359-11
LOT NO. 908-
HKDS-X3060_MX-96_004_22

HDS-X3600 : S/N 10001 and Higher


CN1
1
5
4
3
2
GND
S-BUS1
CN4-D1
CN2
1
5
4
3
2
GND
S-BUS2
CN4-C1
CN3
1
5
4
3
2
GND
M-S-BUS
CN4-A1
R1
75
NM
GND
S-BUS3
CN4-B1

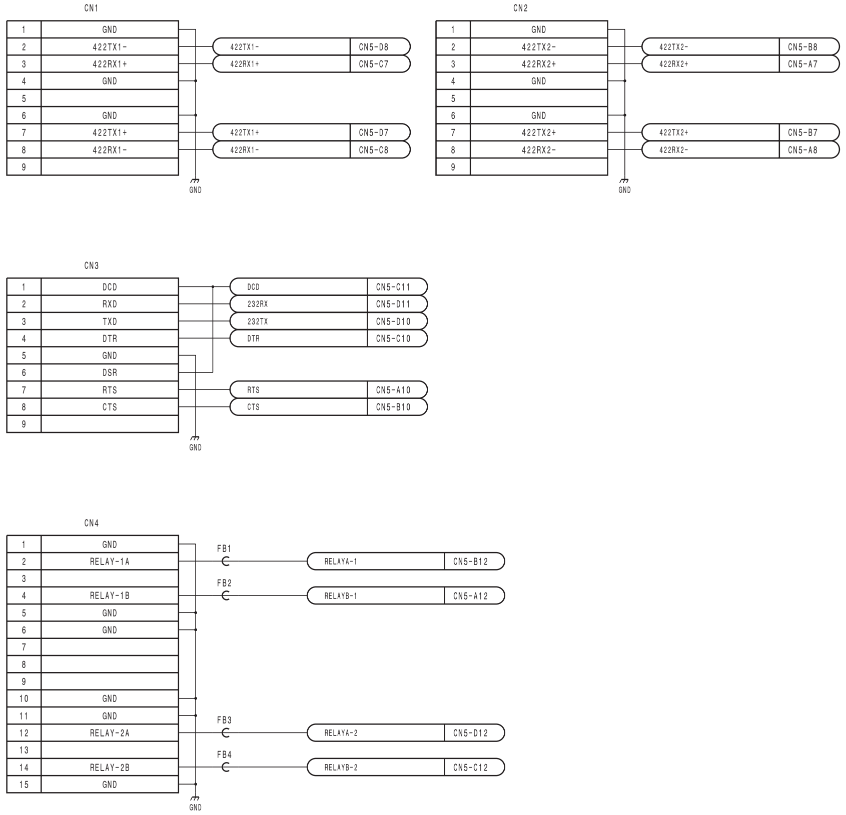
CN4

	A	B	C	D
1	M-S-BUS	S-BUS3	S-BUS2	S-BUS1
2				GND
3				
4				
5				
6				
7	GND			GND
8	GND			GND
9	GND			GND
10	GND			GND
11	GND			GND
12	GND			GND

RM-185

BOARD NO. 1-676-349-11
LOT NO. 908-
HDS-X3600_RM-185_002_1

HDS-X3600 : S/N 10001 and Higher


CN1
1 GND
2 422TX1-
3 422RX1+
4 GND
5
6 GND
7 422TX1+
8 422RX1-
9
GND
422TX1- CN5-D8
422RX1+ CN5-C7
422TX1+ CN5-D7
422RX1- CN5-C8
CN2
1 GND
2 422TX2-
3 422RX2+
4 GND
5
6 GND
7 422TX2+
8 422RX2-
9
GND
422TX2- CN5-B8
422RX2+ CN5-A7
422TX2+ CN5-B7
422RX2- CN5-A8
CN3
1 DCD
2 RXD
3 TXD
4 DTR
5 GND
6 DSR
7 RTS
8 CTS
9
GND
DCD CN5-C11
232RX CN5-D11
232TX CN5-D10
DTR CN5-C10
RTS CN5-A10
CTS CN5-B10
CN4
1 GND
2 RELAY-1A
3
4 RELAY-1B
5 GND
6 GND
7
8
9
10 GND
11 GND
12 RELAY-2A
13
14 RELAY-2B
15 GND
GND
FB1
FB2
FB3
FB4
RELAYA-1 CN5-B12
RELAYB-1 CN5-A12
RELAYA-2 CN5-D12
RELAYB-2 CN5-C12

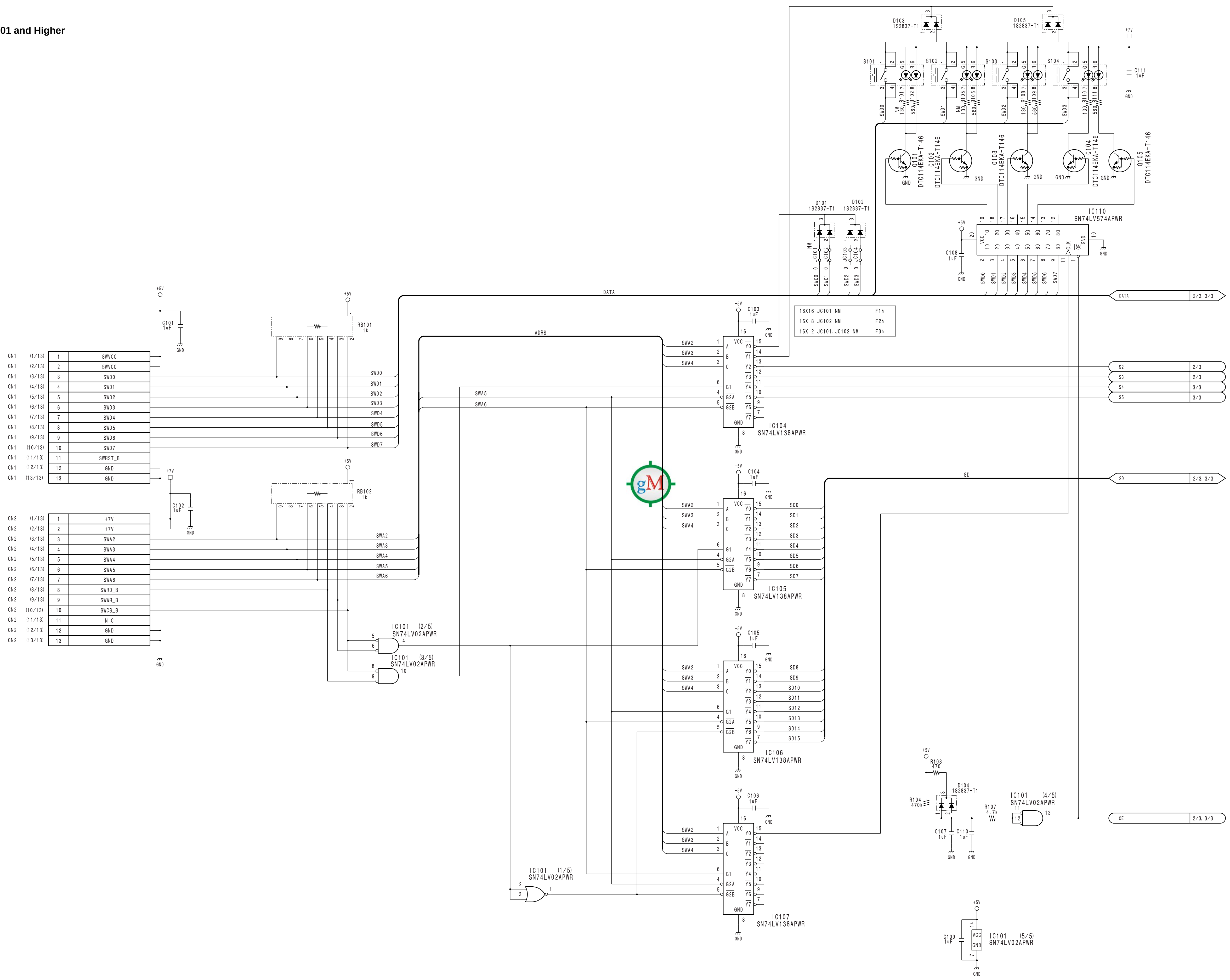
CN5

	A	B	C	D
1	GND			GND
2	GND			GND
3	GND			GND
4	GND			GND
5	GND			GND
6	GND			GND
7	422RX2+	422TX2+	422RX1+	422TX1+
8	422RX2-	422TX2-	422RX1-	422TX1-
9				
10	RTS	CTS	DTR	232TX
11			DCD	232RX
12	RELAYB-1	RELAYA-1	RELAYB-2	RELAYA-2

RP-115

BOARD NO. 1-676-350-11
LOT NO. 908-
HDS-X3600_RP-115_002_1

BKS-R3400 : S/N 10001 and Higher


D103 1S2837-T1
D105 1S2837-T1
S101
S102
S103
S104
+7V
C111 1uF
GND
R101 130
R102 560
R105 130
R106 560
R107 130
R108 560
R110 130
R111 560
NM
Q101 DTC114EKA-T146
Q102 DTC114EKA-T146
Q103 DTC114EKA-T146
Q104 DTC114EKA-T146
Q105 DTC114EKA-T146
D101 1S2837-T1
D102 1S2837-T1
JC101
JC102
JC103
JC104
SWD0
SWD1
SWD2
SWD3
SWD4
SWD5
SWD6
SWD7
IC110 SN74LV574APWR
+5V
C108 1uF
CLK
OE
DATA
2/3, 3/3
16X16 JC101 NM F1h
16X 8 JC102 NM F2h
16X 2 JC101, JC102 NM F3h
ADRS
C101 1uF
RB101 1k
RB102 1k
C102 1uF
C103 1uF
C104 1uF
C105 1uF
C106 1uF
CN1 (1/13) 1 SWVCC
CN1 (2/13) 2 SWVCC
CN1 (3/13) 3 SWD0
CN1 (4/13) 4 SWD1
CN1 (5/13) 5 SWD2
CN1 (6/13) 6 SWD3
CN1 (7/13) 7 SWD4
CN1 (8/13) 8 SWD5
CN1 (9/13) 9 SWD6
CN1 (10/13) 10 SWD7
CN1 (11/13) 11 SWRST_B
CN1 (12/13) 12 GND
CN1 (13/13) 13 GND
CN2 (1/13) 1 +7V
CN2 (2/13) 2 +7V
CN2 (3/13) 3 SWA2
CN2 (4/13) 4 SWA3
CN2 (5/13) 5 SWA4
CN2 (6/13) 6 SWA5
CN2 (7/13) 7 SWA6
CN2 (8/13) 8 SWRD_B
CN2 (9/13) 9 SWWR_B
CN2 (10/13) 10 SWCS_B
CN2 (11/13) 11 N.C
CN2 (12/13) 12 GND
CN2 (13/13) 13 GND
SWA2
SWA3
SWA4
SWA5
SWA6
IC104 SN74LV138APWR
IC105 SN74LV138APWR
IC106 SN74LV138APWR
IC107 SN74LV138APWR
VCC
A
B
C
G1
G2A
G2B
Y0
Y1
Y2
Y3
Y4
Y5
Y6
Y7
S2 2/3
S3 2/3
S4 3/3
S5 3/3
SD
SD 2/3, 3/3
SD0
SD1
SD2
SD3
SD4
SD5
SD6
SD7
SD8
SD9
SD10
SD11
SD12
SD13
SD14
SD15
IC101 (1/5) SN74LV02APWR
IC101 (2/5) SN74LV02APWR
IC101 (3/5) SN74LV02APWR
IC101 (4/5) SN74LV02APWR
IC101 (5/5) SN74LV02APWR
R103 470
R104 470k
D104 1S2837-T1
R107 4.7k
C107 1uF
C110 1uF
C109 1uF
OE 2/3, 3/3

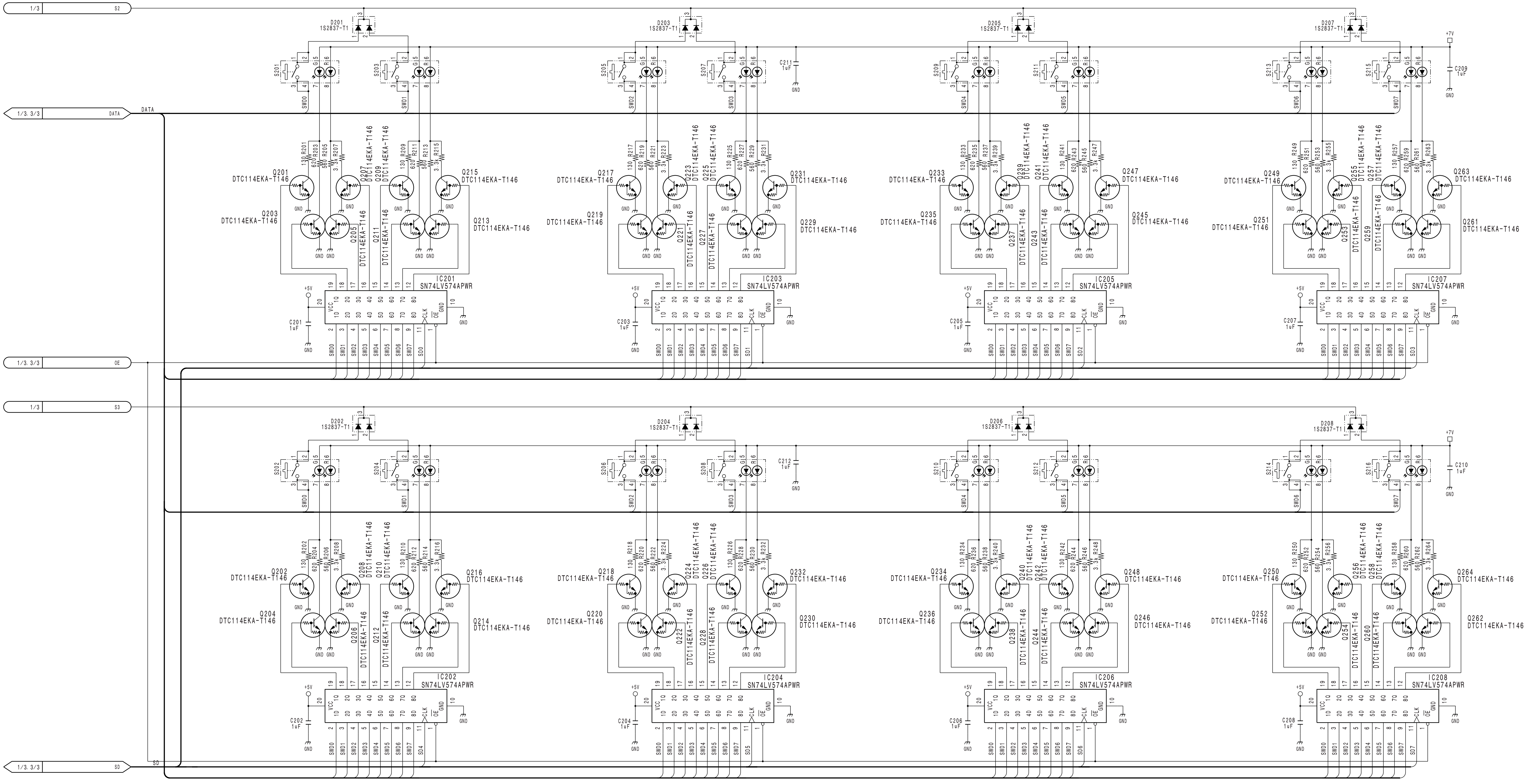
1
2
3
4
5

SW-1001 (1/3)

BOARD NO. 1-676-365-11
LOT NO. 908-
BKS-R3400_SW-1001_003_1

A B C D E F G H

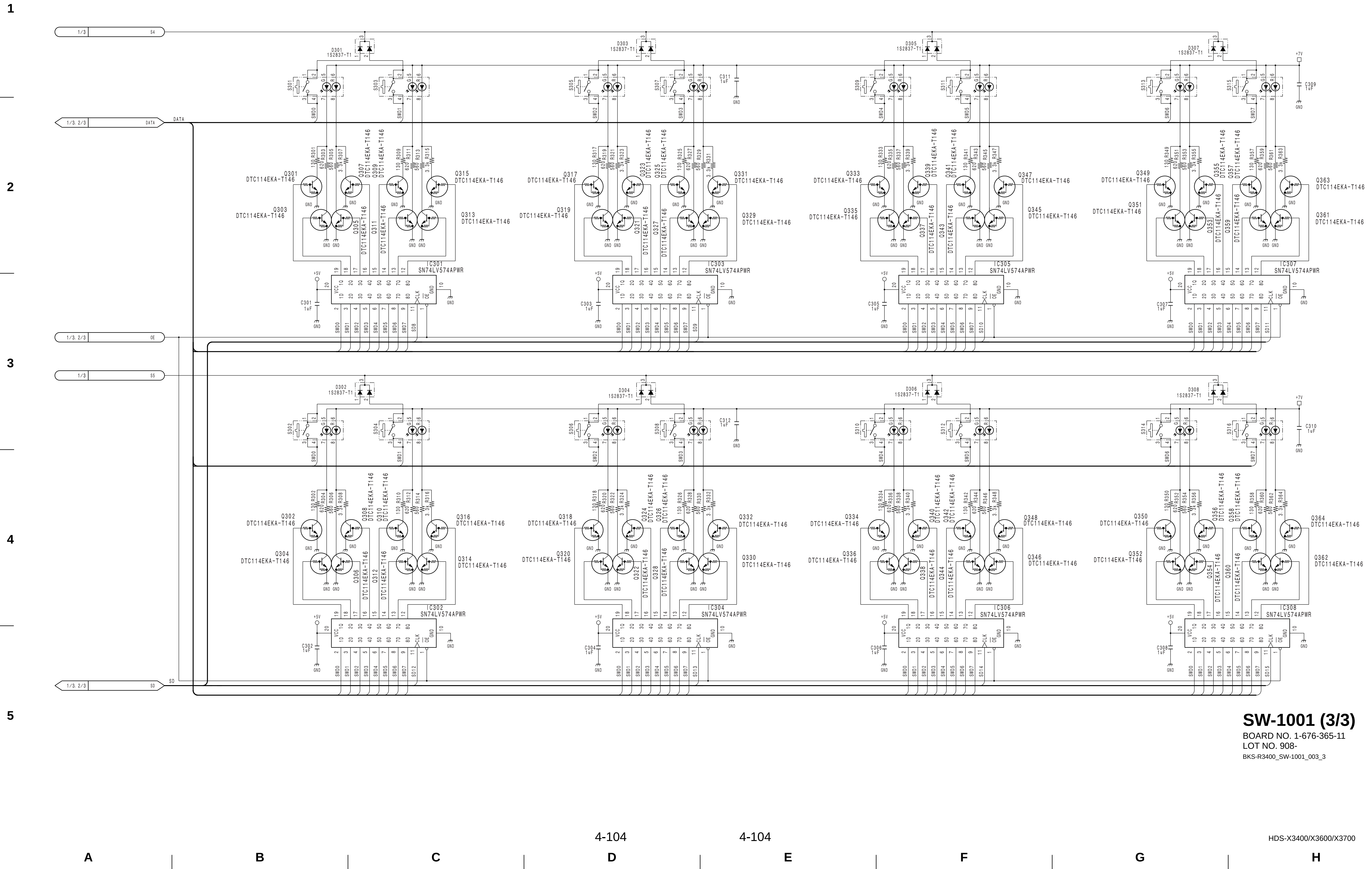
BKS-R3400 : S/N 10001 and Higher


1/3 S2
1/3, 3/3 DATA
DATA
1/3, 3/3 OE
OE
1/3 S3
1/3, 3/3 SO
SO
D201 1S2837-T1
D202 1S2837-T1
D203 1S2837-T1
D204 1S2837-T1
D205 1S2837-T1
D206 1S2837-T1
D207 1S2837-T1
D208 1S2837-T1
S201
S202
S203
S204
S205
S206
S207
S208
S209
S210
S211
S212
S213
S214
S215
S216
G15
R16
SWD0
SWD1
SWD2
SWD3
SWD4
SWD5
SWD6
SWD7
C209 1uF
C210 1uF
C211 1uF
C212 1uF
+7V
GND
Q201 DTC114EKA-T146
Q203 DTC114EKA-T146
Q205 DTC114EKA-T146
Q207 DTC114EKA-T146
Q209 DTC114EKA-T146
Q211 DTC114EKA-T146
Q213 DTC114EKA-T146
Q215 DTC114EKA-T146
Q217 DTC114EKA-T146
Q219 DTC114EKA-T146
Q221 DTC114EKA-T146
Q223 DTC114EKA-T146
Q225 DTC114EKA-T146
Q227 DTC114EKA-T146
Q229 DTC114EKA-T146
Q231 DTC114EKA-T146
Q233 DTC114EKA-T146
Q235 DTC114EKA-T146
Q237 DTC114EKA-T146
Q239 DTC114EKA-T146
Q241 DTC114EKA-T146
Q243 DTC114EKA-T146
Q245 DTC114EKA-T146
Q247 DTC114EKA-T146
Q249 DTC114EKA-T146
Q251 DTC114EKA-T146
Q253 DTC114EKA-T146
Q255 DTC114EKA-T146
Q257 DTC114EKA-T146
Q259 DTC114EKA-T146
Q261 DTC114EKA-T146
Q263 DTC114EKA-T146
Q202 DTC114EKA-T146
Q204 DTC114EKA-T146
Q206 DTC114EKA-T146
Q208 DTC114EKA-T146
Q210 DTC114EKA-T146
Q212 DTC114EKA-T146
Q214 DTC114EKA-T146
Q216 DTC114EKA-T146
Q218 DTC114EKA-T146
Q220 DTC114EKA-T146
Q222 DTC114EKA-T146
Q224 DTC114EKA-T146
Q226 DTC114EKA-T146
Q228 DTC114EKA-T146
Q230 DTC114EKA-T146
Q232 DTC114EKA-T146
Q234 DTC114EKA-T146
Q236 DTC114EKA-T146
Q238 DTC114EKA-T146
Q240 DTC114EKA-T146
Q242 DTC114EKA-T146
Q244 DTC114EKA-T146
Q246 DTC114EKA-T146
Q248 DTC114EKA-T146
Q250 DTC114EKA-T146
Q252 DTC114EKA-T146
Q254 DTC114EKA-T146
Q256 DTC114EKA-T146
Q258 DTC114EKA-T146
Q260 DTC114EKA-T146
Q262 DTC114EKA-T146
Q264 DTC114EKA-T146
130 620 560 3.3k
IC201 SN74LV574APWR
IC202 SN74LV574APWR
IC203 SN74LV574APWR
IC204 SN74LV574APWR
IC205 SN74LV574APWR
IC206 SN74LV574APWR
IC207 SN74LV574APWR
IC208 SN74LV574APWR
VCC 1D 2D 3D 4D 5D 6D 7D 8D CLK OE GND
1Q 2Q 3Q 4Q 5Q 6Q 7Q 8Q
+5V
C201 1uF
C202 1uF
C203 1uF
C204 1uF
C205 1uF
C206 1uF
C207 1uF
C208 1uF
SD0
SD1
SD2
SD3
SD4
SD5
SD6
SD7
1
2
3
4
5
A
B
C
D
E
F
G
H

SW-1001 (2/3)

BOARD NO. 1-676-365-11
LOT NO. 908-
BKS-R3400_SW-1001_003_2

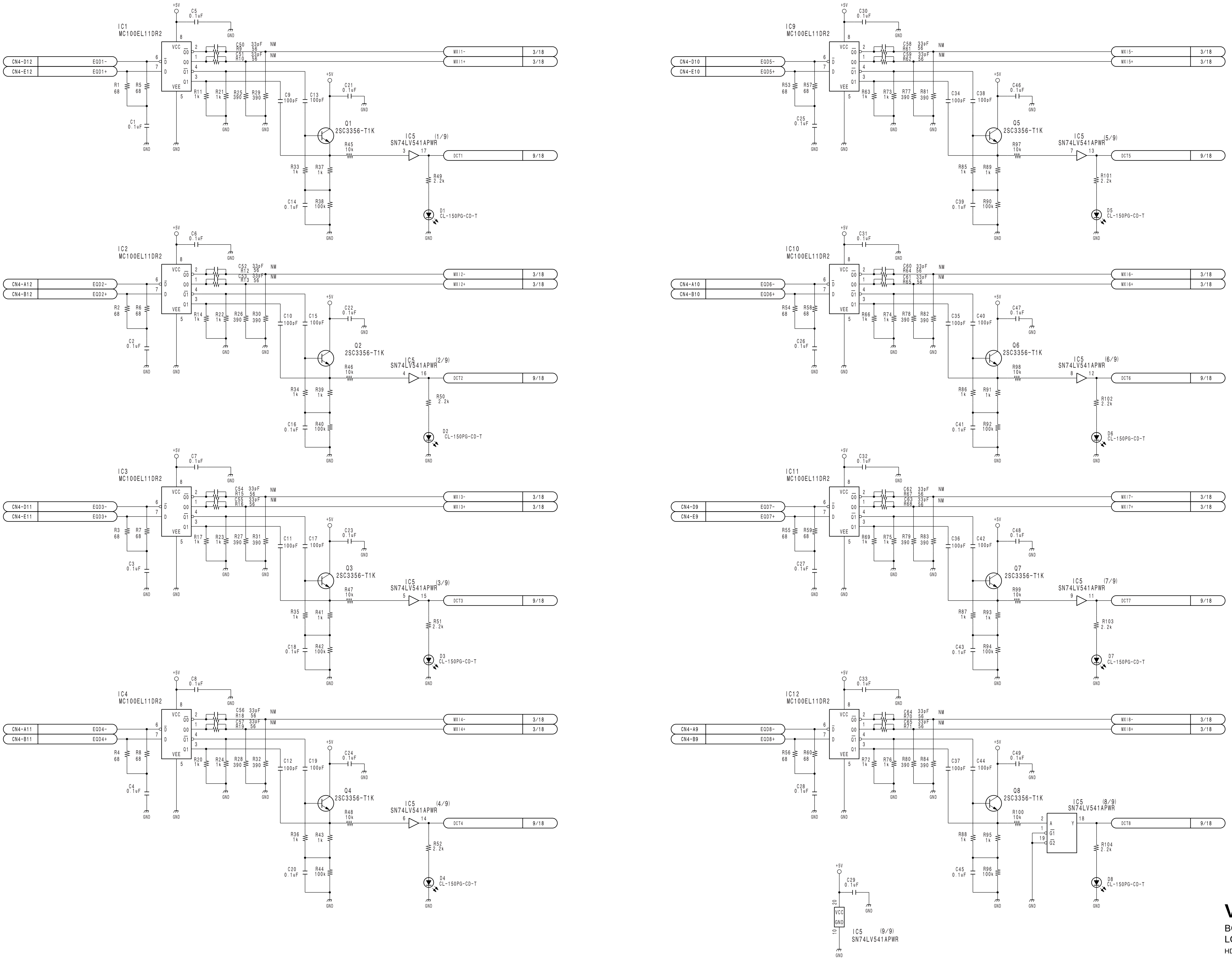
BKS-R3400 : S/N 10001 and Higher


1
2
3
4
5
A
B
C
D
E
F
G
H
1/3 S4
1/3, 2/3 DATA
DATA
1/3, 2/3 OE
1/3 S5
1/3, 2/3 SD
SD
D301 1S2837-T1
D302 1S2837-T1
D303 1S2837-T1
D304 1S2837-T1
D305 1S2837-T1
D306 1S2837-T1
D307 1S2837-T1
D308 1S2837-T1
IC301 SN74LV574APWR
IC302 SN74LV574APWR
IC303 SN74LV574APWR
IC304 SN74LV574APWR
IC305 SN74LV574APWR
IC306 SN74LV574APWR
IC307 SN74LV574APWR
IC308 SN74LV574APWR
DTC114EKA-T146
C301 1uF
C302 1uF
C303 1uF
C304 1uF
C305 1uF
C306 1uF
C307 1uF
C308 1uF
C309 1uF
C310 1uF
C311 1uF
C312 1uF
+5V
+7V
GND

SW-1001 (3/3)

BOARD NO. 1-676-365-11
LOT NO. 908-
BKS-R3400_SW-1001_003_3

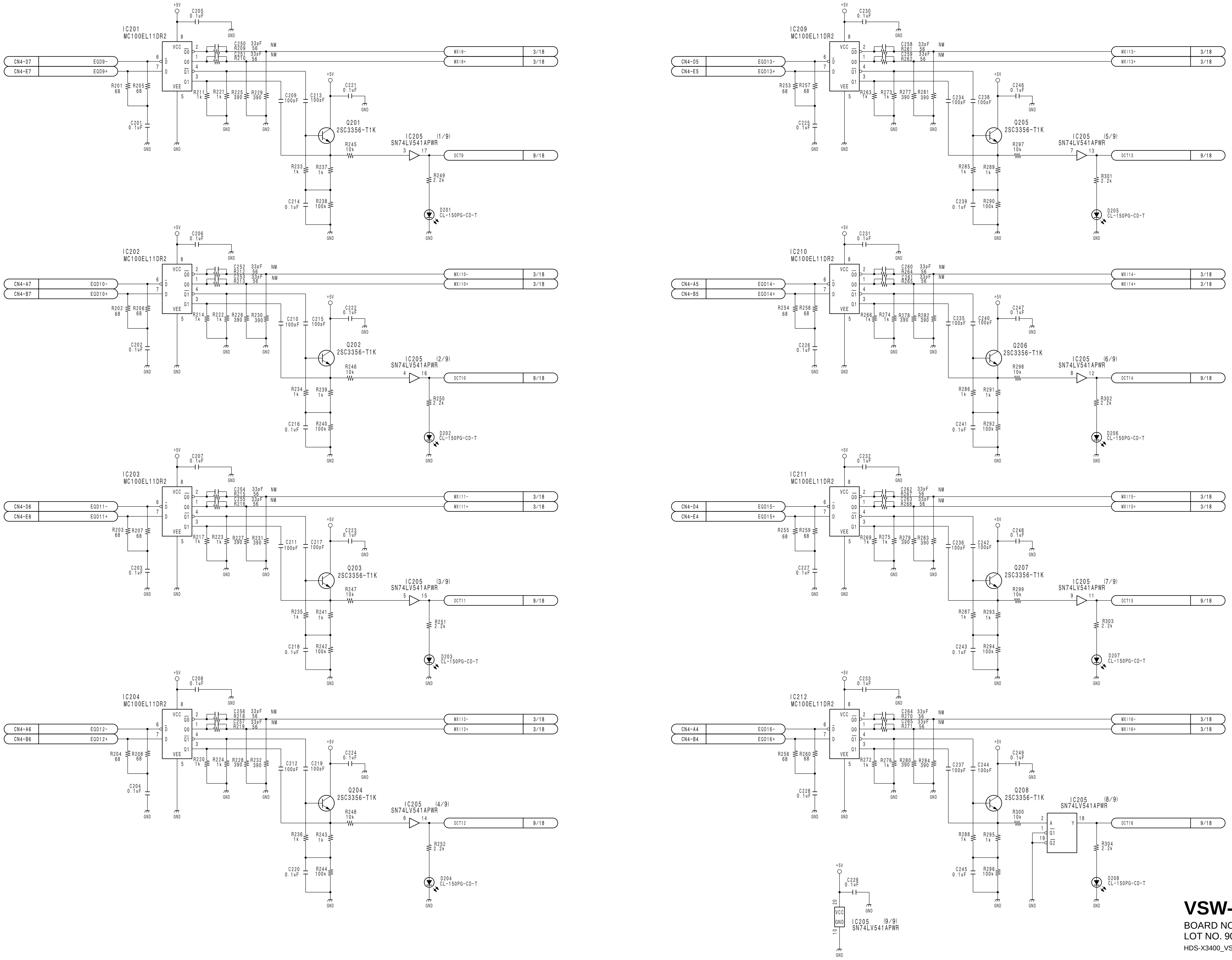
HDS-X3400 : S/N 10001 and Higher


IC1 MC100EL11DR2
IC2 MC100EL11DR2
IC3 MC100EL11DR2
IC4 MC100EL11DR2
IC9 MC100EL11DR2
IC10 MC100EL11DR2
IC11 MC100EL11DR2
IC12 MC100EL11DR2
VCC
VEE
+5V
GND
NM
CN4-D12 EQD1-
CN4-E12 EQD1+
CN4-A12 EQD2-
CN4-B12 EQD2+
CN4-D11 EQD3-
CN4-E11 EQD3+
CN4-A11 EQD4-
CN4-B11 EQD4+
CN4-D10 EQD5-
CN4-E10 EQD5+
CN4-A10 EQD6-
CN4-B10 EQD6+
CN4-D9 EQD7-
CN4-E9 EQD7+
CN4-A9 EQD8-
CN4-B9 EQD8+
MXI1- 3/18
MXI1+ 3/18
MXI2- 3/18
MXI2+ 3/18
MXI3- 3/18
MXI3+ 3/18
MXI4- 3/18
MXI4+ 3/18
MXI5- 3/18
MXI5+ 3/18
MXI6- 3/18
MXI6+ 3/18
MXI7- 3/18
MXI7+ 3/18
MXI8- 3/18
MXI8+ 3/18
DCT1 9/18
DCT2 9/18
DCT3 9/18
DCT4 9/18
DCT5 9/18
DCT6 9/18
DCT7 9/18
DCT8 9/18
Q1 2SC3356-T1K
Q2 2SC3356-T1K
Q3 2SC3356-T1K
Q4 2SC3356-T1K
Q5 2SC3356-T1K
Q6 2SC3356-T1K
Q7 2SC3356-T1K
Q8 2SC3356-T1K
IC5 SN74LV541APWR (1/9)
IC5 SN74LV541APWR (2/9)
IC5 SN74LV541APWR (3/9)
IC5 SN74LV541APWR (4/9)
IC5 SN74LV541APWR (5/9)
IC5 SN74LV541APWR (6/9)
IC5 SN74LV541APWR (7/9)
IC5 SN74LV541APWR (8/9)
IC5 SN74LV541APWR (9/9)
D1 CL-150PG-CD-T
D2 CL-150PG-CD-T
D3 CL-150PG-CD-T
D4 CL-150PG-CD-T
D5 CL-150PG-CD-T
D6 CL-150PG-CD-T
D7 CL-150PG-CD-T
D8 CL-150PG-CD-T
R1 68
R5 68
C1 0.1uF
C5 0.1uF
C50 33pF
R9 56
C51 33pF
R10 56
R11 1k
R21 1k
R25 390
R29 390
C9 100pF
C13 100pF
C21 0.1uF
R45 10k
R33 1k
R37 1k
C14 0.1uF
R38 100k
R49 2.2k
R2 68
R6 68
C2 0.1uF
C6 0.1uF
C52 33pF
R12 56
C53 33pF
R13 56
R14 1k
R22 1k
R26 390
R30 390
C10 100pF
C15 100pF
C22 0.1uF
R46 10k
R34 1k
R39 1k
C16 0.1uF
R40 100k
R50 2.2k
R3 68
R7 68
C3 0.1uF
C7 0.1uF
C54 33pF
R15 56
C55 33pF
R16 56
R17 1k
R23 1k
R27 390
R31 390
C11 100pF
C17 100pF
C23 0.1uF
R47 10k
R35 1k
R41 1k
C18 0.1uF
R42 100k
R51 2.2k
R4 68
R8 68
C4 0.1uF
C8 0.1uF
C56 33pF
R18 56
C57 33pF
R19 56
R20 1k
R24 1k
R28 390
R32 390
C12 100pF
C19 100pF
C24 0.1uF
R48 10k
R36 1k
R43 1k
C20 0.1uF
R44 100k
R52 2.2k
R53 68
R57 68
C25 0.1uF
C30 0.1uF
C58 33pF
R61 56
C59 33pF
R62 56
R63 1k
R73 1k
R77 390
R81 390
C34 100pF
C38 100pF
C46 0.1uF
R97 10k
R85 1k
R89 1k
C39 0.1uF
R90 100k
R101 2.2k
R54 68
R58 68
C26 0.1uF
C31 0.1uF
C60 33pF
R64 56
C61 33pF
R65 56
R66 1k
R74 1k
R78 390
R82 390
C35 100pF
C40 100pF
C47 0.1uF
R98 10k
R86 1k
R91 1k
C41 0.1uF
R92 100k
R102 2.2k
R55 68
R59 68
C27 0.1uF
C32 0.1uF
C62 33pF
R67 56
C63 33pF
R68 56
R69 1k
R75 1k
R79 390
R83 390
C36 100pF
C42 100pF
C48 0.1uF
R99 10k
R87 1k
R93 1k
C43 0.1uF
R94 100k
R103 2.2k
R56 68
R60 68
C28 0.1uF
C33 0.1uF
C64 33pF
R70 56
C65 33pF
R71 56
R72 1k
R76 1k
R80 390
R84 390
C37 100pF
C44 100pF
C49 0.1uF
R100 10k
R88 1k
R95 1k
C45 0.1uF
R96 100k
R104 2.2k
C29 0.1uF
A
Y
G1
G2
1
2
3
4
5
A
B
C
D
E
F
G
H

VSW-68 (1/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_1

HDS-X3400 : S/N 10001 and Higher

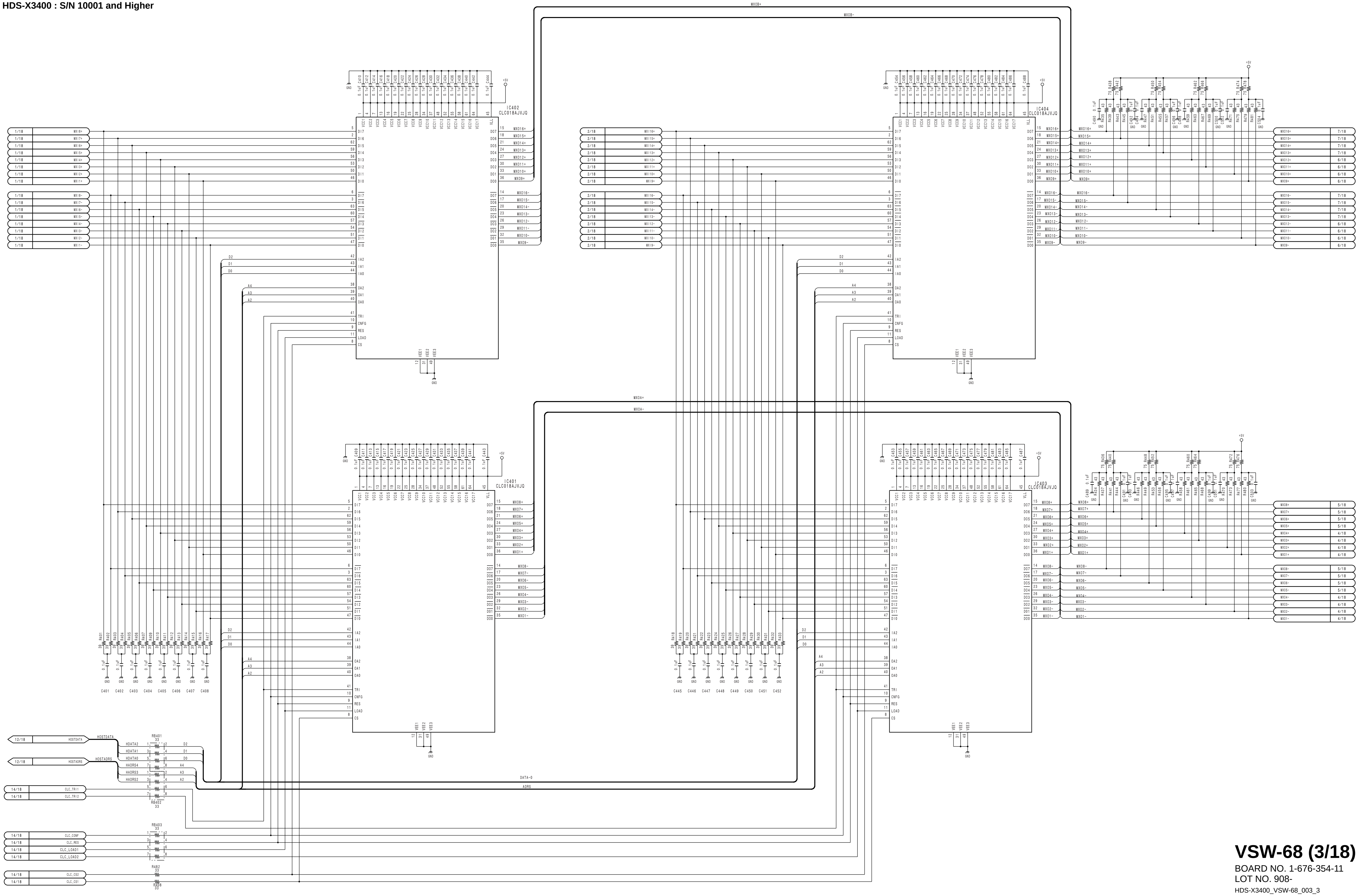

1
2
3
4
5
IC201
MC100EL11DR2
IC202
MC100EL11DR2
IC203
MC100EL11DR2
IC204
MC100EL11DR2
IC209
MC100EL11DR2
IC210
MC100EL11DR2
IC211
MC100EL11DR2
IC212
MC100EL11DR2
VCC
VEE
+5V
GND
NM
CN4-D7 EQD9-
CN4-E7 EQD9+
CN4-A7 EQD10-
CN4-B7 EQD10+
CN4-D6 EQD11-
CN4-E6 EQD11+
CN4-A6 EQD12-
CN4-B6 EQD12+
CN4-D5 EQD13-
CN4-E5 EQD13+
CN4-A5 EQD14-
CN4-B5 EQD14+
CN4-D4 EQD15-
CN4-E4 EQD15+
CN4-A4 EQD16-
CN4-B4 EQD16+
MXI9- 3/18
MXI9+ 3/18
MXI10- 3/18
MXI10+ 3/18
MXI11- 3/18
MXI11+ 3/18
MXI12- 3/18
MXI12+ 3/18
MXI13- 3/18
MXI13+ 3/18
MXI14- 3/18
MXI14+ 3/18
MXI15- 3/18
MXI15+ 3/18
MXI16- 3/18
MXI16+ 3/18
DCT9 9/18
DCT10 9/18
DCT11 9/18
DCT12 9/18
DCT13 9/18
DCT14 9/18
DCT15 9/18
DCT16 9/18
Q201 2SC3356-T1K
Q202 2SC3356-T1K
Q203 2SC3356-T1K
Q204 2SC3356-T1K
Q205 2SC3356-T1K
Q206 2SC3356-T1K
Q207 2SC3356-T1K
Q208 2SC3356-T1K
IC205 (1/9) SN74LV541APWR
IC205 (2/9) SN74LV541APWR
IC205 (3/9) SN74LV541APWR
IC205 (4/9) SN74LV541APWR
IC205 (5/9) SN74LV541APWR
IC205 (6/9) SN74LV541APWR
IC205 (7/9) SN74LV541APWR
IC205 (8/9) SN74LV541APWR
IC205 (9/9) SN74LV541APWR
D201 CL-150PG-CD-T
D202 CL-150PG-CD-T
D203 CL-150PG-CD-T
D204 CL-150PG-CD-T
D205 CL-150PG-CD-T
D206 CL-150PG-CD-T
D207 CL-150PG-CD-T
D208 CL-150PG-CD-T
C205 0.1uF
C250 33pF
R209 56
C251 33pF
R210 56
R201 68
R205 68
C201 0.1uF
R211 1k
R221 1k
R225 390
R229 390
C209 100pF
C213 100pF
C221 0.1uF
R245 10k
R233 1k
R237 1k
C214 0.1uF
R238 100k
R249 2.2k
A
B
C
D
E
F
G
H

VSW-68 (2/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_2

http://getMANUAL.com

HDS-X3400 : S/N 10001 and Higher


IC402
CLC018AJVJQ
IC404
CLC018AJVJQ
IC401
CLC018AJVJQ
IC403
CLC018AJVJQ
MXO8+
MXO8-
MXOA+
MXOA-
HOSTDATA
HOSTADRS
RB401
RB402
RB403
R482
R508
DATA-0
ADRS
12/18
14/18
CLC_TRI1
CLC_TRI2
CLC_CONF
CLC_RES
CLC_LOAD1
CLC_LOAD2
CLC_CS2
CLC_CS1
+5V
GND

1

2

3

4

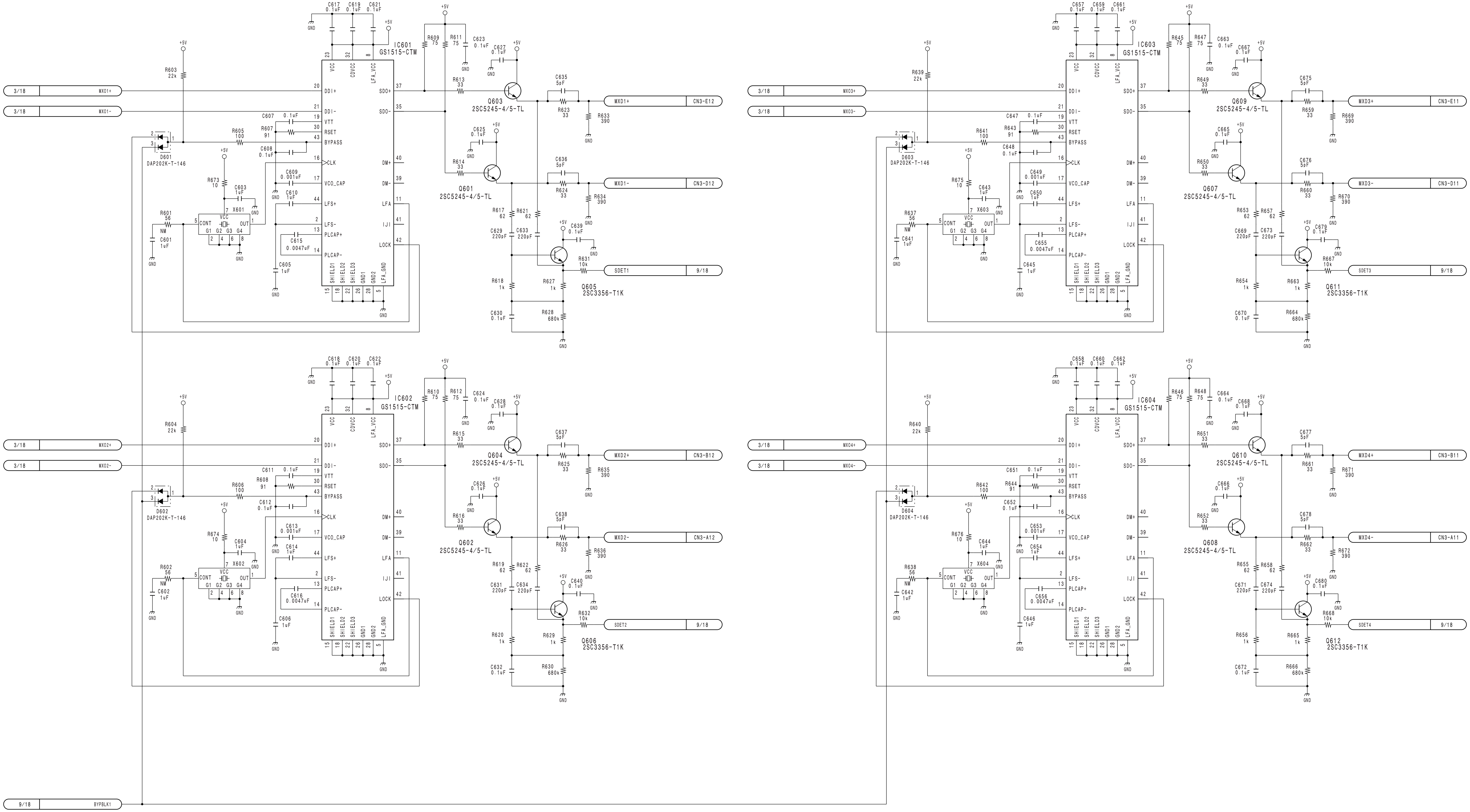
5

VSW-68 (3/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_3

A B C D E F G H

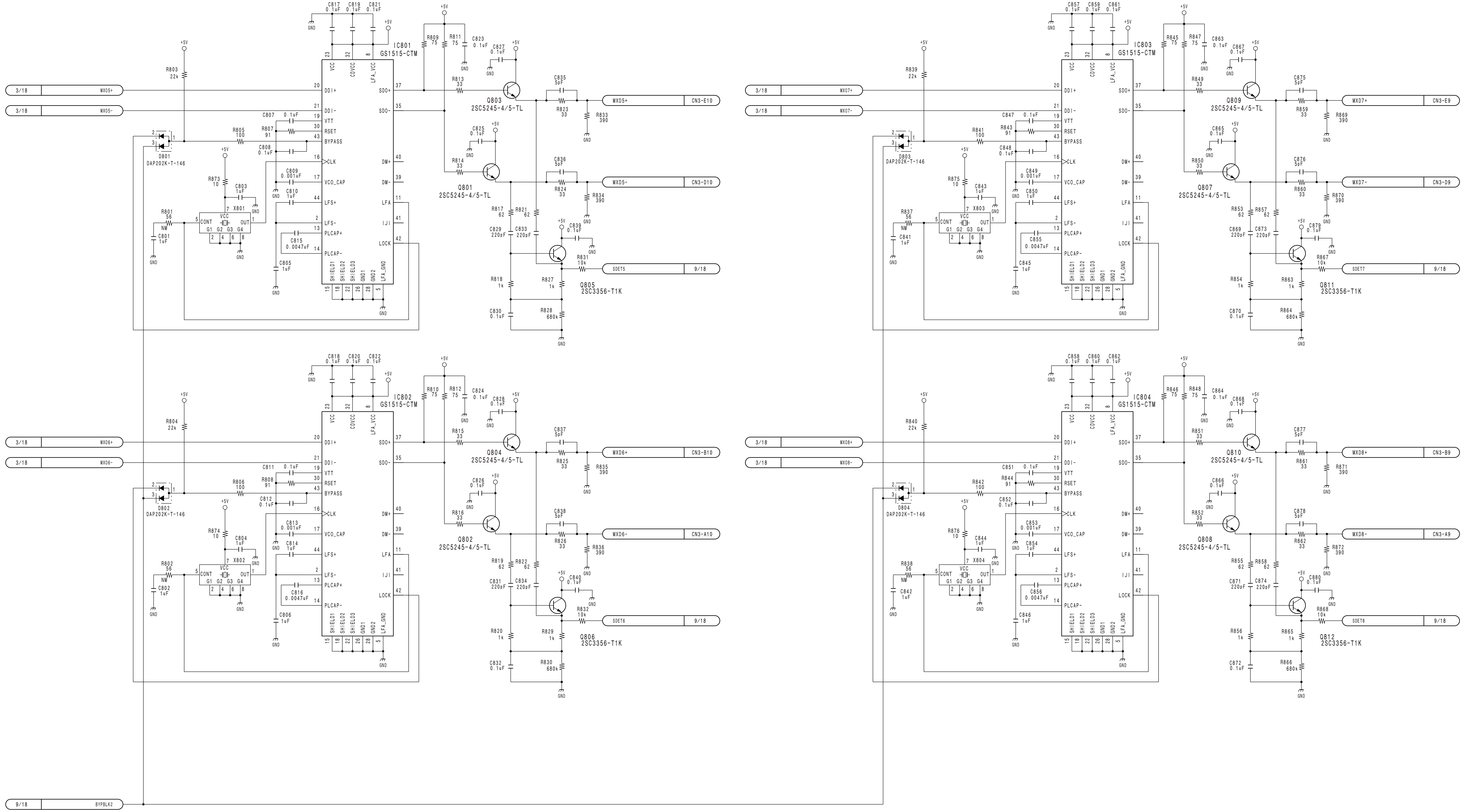
HDS-X3400 : S/N 10001 and Higher


IC601
GS1515-CTM
IC602
GS1515-CTM
IC603
GS1515-CTM
IC604
GS1515-CTM
VCC
CDVCC
LFA_VCC
DDI+
DDI-
VTT
RSET
BYPASS
CLK
VCO_CAP
LFS+
LFS-
PLCAP+
PLCAP-
SDO+
SDO-
DM+
DM-
LFA
IJI
LOCK
SHIELD1
SHIELD2
SHIELD3
GND1
GND2
LFA_GND
Q603
2SC5245-4/5-TL
Q601
2SC5245-4/5-TL
Q605
2SC3356-T1K
Q604
2SC5245-4/5-TL
Q602
2SC5245-4/5-TL
Q606
2SC3356-T1K
Q609
2SC5245-4/5-TL
Q607
2SC5245-4/5-TL
Q611
2SC3356-T1K
Q610
2SC5245-4/5-TL
Q608
2SC5245-4/5-TL
Q612
2SC3356-T1K
D601
DAP202K-T-146
D602
DAP202K-T-146
D603
DAP202K-T-146
D604
DAP202K-T-146
X601
X602
X603
X604
CONT
OUT
G1 G2 G3 G4
3/18 MXO1+
3/18 MXO1-
3/18 MXO2+
3/18 MXO2-
3/18 MXO3+
3/18 MXO3-
3/18 MXO4+
3/18 MXO4-
MXD1+ CN3-E12
MXD1- CN3-D12
SDET1 9/18
MXD2+ CN3-B12
MXD2- CN3-A12
SDET2 9/18
MXD3+ CN3-E11
MXD3- CN3-D11
SDET3 9/18
MXD4+ CN3-B11
MXD4- CN3-A11
SDET4 9/18
9/18 BYPBLK1
+5V
GND
NM
1
2
3
4
5
A
B
C
D
E
F
G
H

VSW-68 (4/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_4

HDS-X3400 : S/N 10001 and Higher


IC801
GS1515-CTM
IC802
GS1515-CTM
IC803
GS1515-CTM
IC804
GS1515-CTM
Q801 2SC5245-4/5-TL
Q802 2SC5245-4/5-TL
Q803 2SC5245-4/5-TL
Q804 2SC5245-4/5-TL
Q805 2SC3356-T1K
Q806 2SC3356-T1K
Q807 2SC5245-4/5-TL
Q808 2SC5245-4/5-TL
Q809 2SC5245-4/5-TL
Q810 2SC5245-4/5-TL
Q811 2SC3356-T1K
Q812 2SC3356-T1K
D801 DAP202K-T-146
D802 DAP202K-T-146
D803 DAP202K-T-146
D804 DAP202K-T-146
X801
X802
X803
X804
DDI+
DDI-
VTT
RSET
BYPASS
CLK
VCO_CAP
LFS+
LFS-
PLCAP+
PLCAP-
SDO+
SDO-
DM+
DM-
LFA
IJI
LOCK
VCC
CDVCC
LFA_VCC
SHIELD1
SHIELD2
SHIELD3
GND1
GND2
LFA_GND
CONT
OUT
+5V
GND
3/18 MXO5+
3/18 MXO5-
3/18 MXO6+
3/18 MXO6-
3/18 MXO7+
3/18 MXO7-
3/18 MXO8+
3/18 MXO8-
MXD5+ CN3-E10
MXD5- CN3-D10
MXD6+ CN3-B10
MXD6- CN3-A10
MXD7+ CN3-E9
MXD7- CN3-D9
MXD8+ CN3-B9
MXD8- CN3-A9
SDET5 9/18
SDET6 9/18
SDET7 9/18
SDET8 9/18
9/18 BYPBLK2
1
2
3
4
5
A
B
C
D
E
F
G
H

VSW-68 (5/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_5

VSW-68 (6/18)

HDS-X3400 : S/N 10001 and Higher

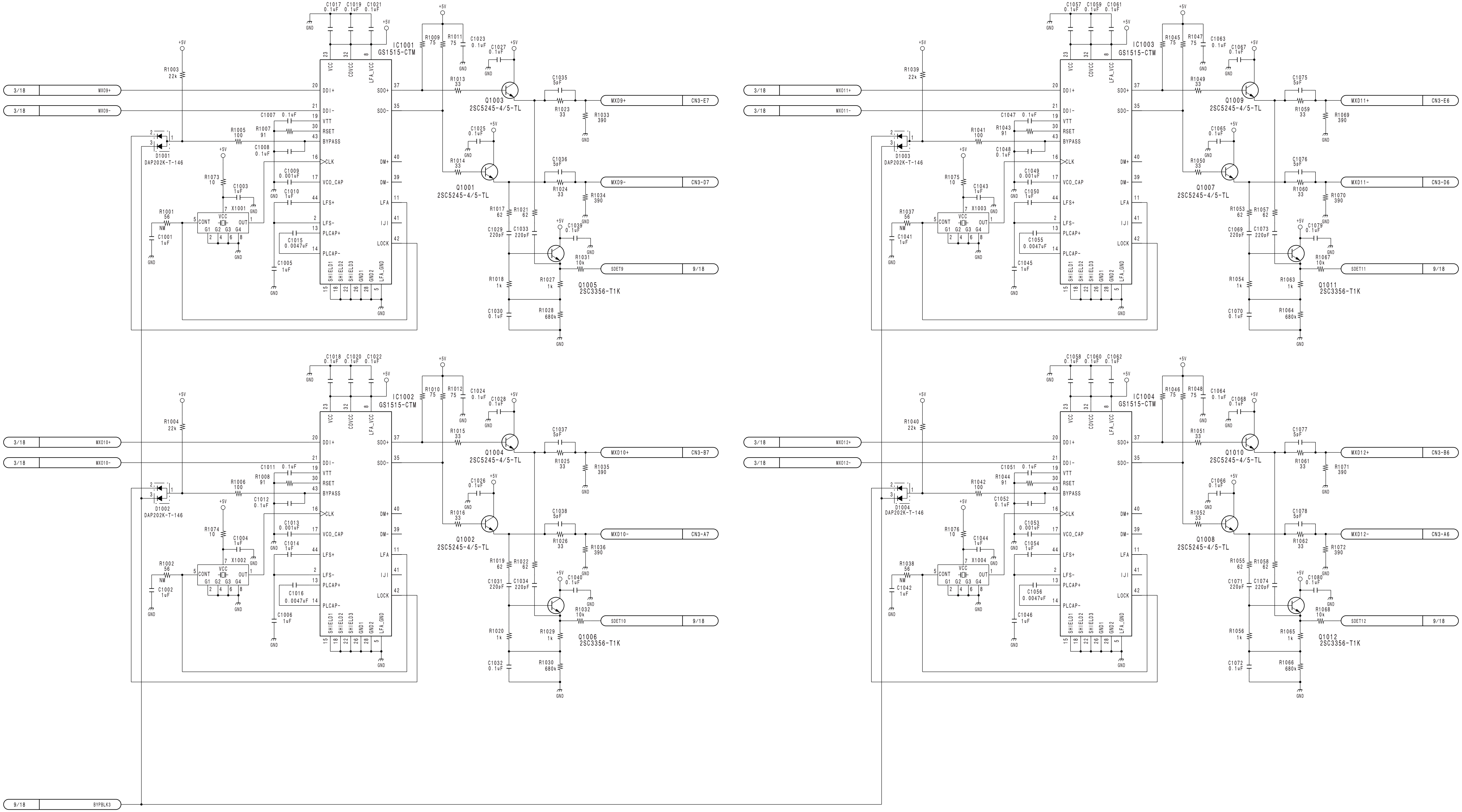
1

2

3

4

5


IC1001 GS1515-CTM
IC1002 GS1515-CTM
IC1003 GS1515-CTM
IC1004 GS1515-CTM
D1001 DAP202K-T-146
D1002 DAP202K-T-146
D1003 DAP202K-T-146
D1004 DAP202K-T-146
X1001
X1002
X1003
X1004
Q1001 2SC5245-4/5-TL
Q1002 2SC5245-4/5-TL
Q1003 2SC5245-4/5-TL
Q1004 2SC5245-4/5-TL
Q1007 2SC5245-4/5-TL
Q1008 2SC5245-4/5-TL
Q1009 2SC5245-4/5-TL
Q1010 2SC5245-4/5-TL
Q1005 2SC3356-T1K
Q1006 2SC3356-T1K
Q1011 2SC3356-T1K
Q1012 2SC3356-T1K
3/18 MXO9+
3/18 MXO9-
3/18 MXO10+
3/18 MXO10-
3/18 MXO11+
3/18 MXO11-
3/18 MXO12+
3/18 MXO12-
MXD9+ CN3-E7
MXD9- CN3-D7
MXD10+ CN3-B7
MXD10- CN3-A7
MXD11+ CN3-E6
MXD11- CN3-D6
MXD12+ CN3-B6
MXD12- CN3-A6
SDET9 9/18
SDET10 9/18
SDET11 9/18
SDET12 9/18
9/18 BYPBLK3
+5V
GND

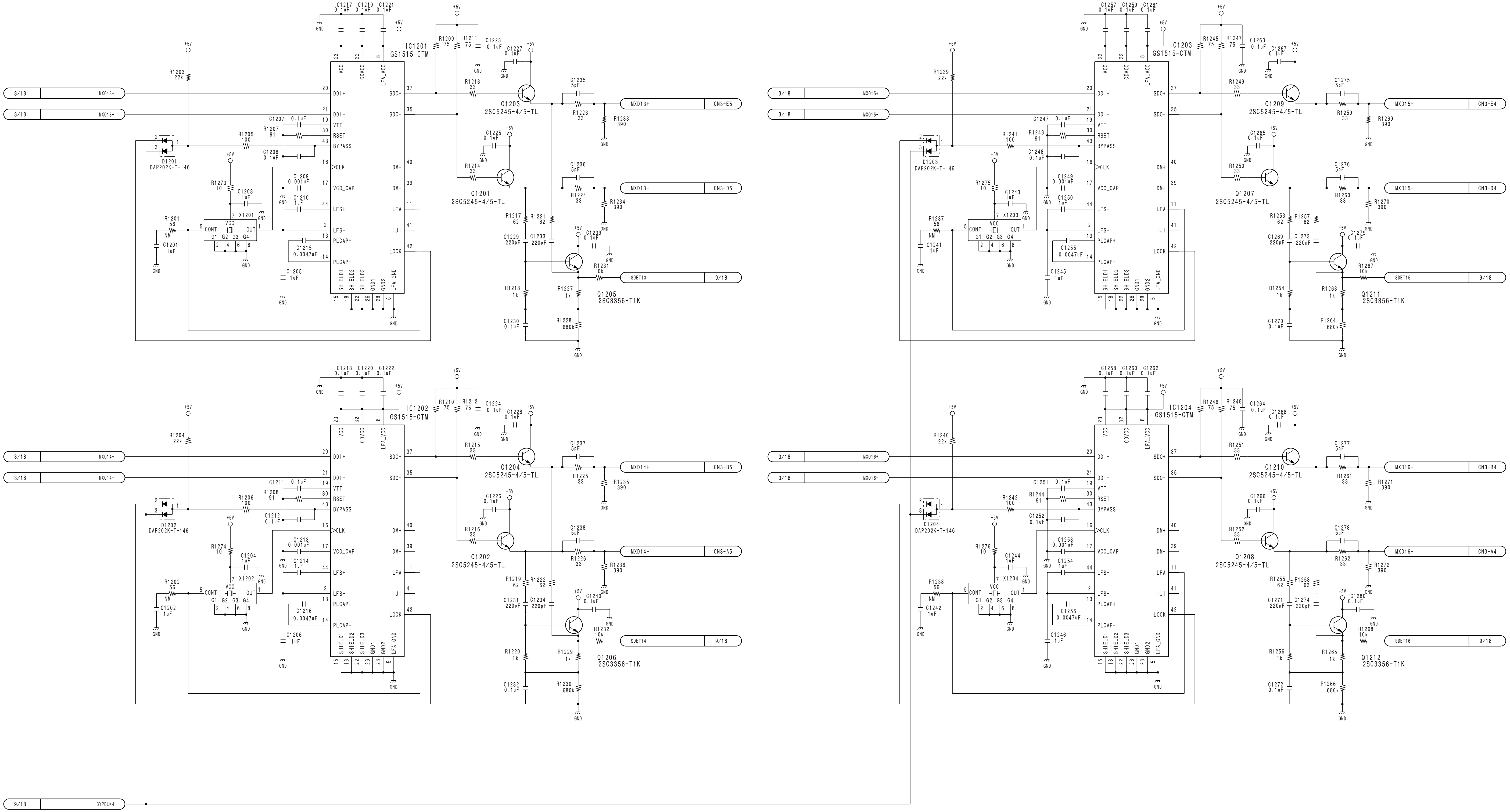
VSW-68 (6/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_6

4-110

A B C D E F G H

HDS-X3400 : S/N 10001 and Higher

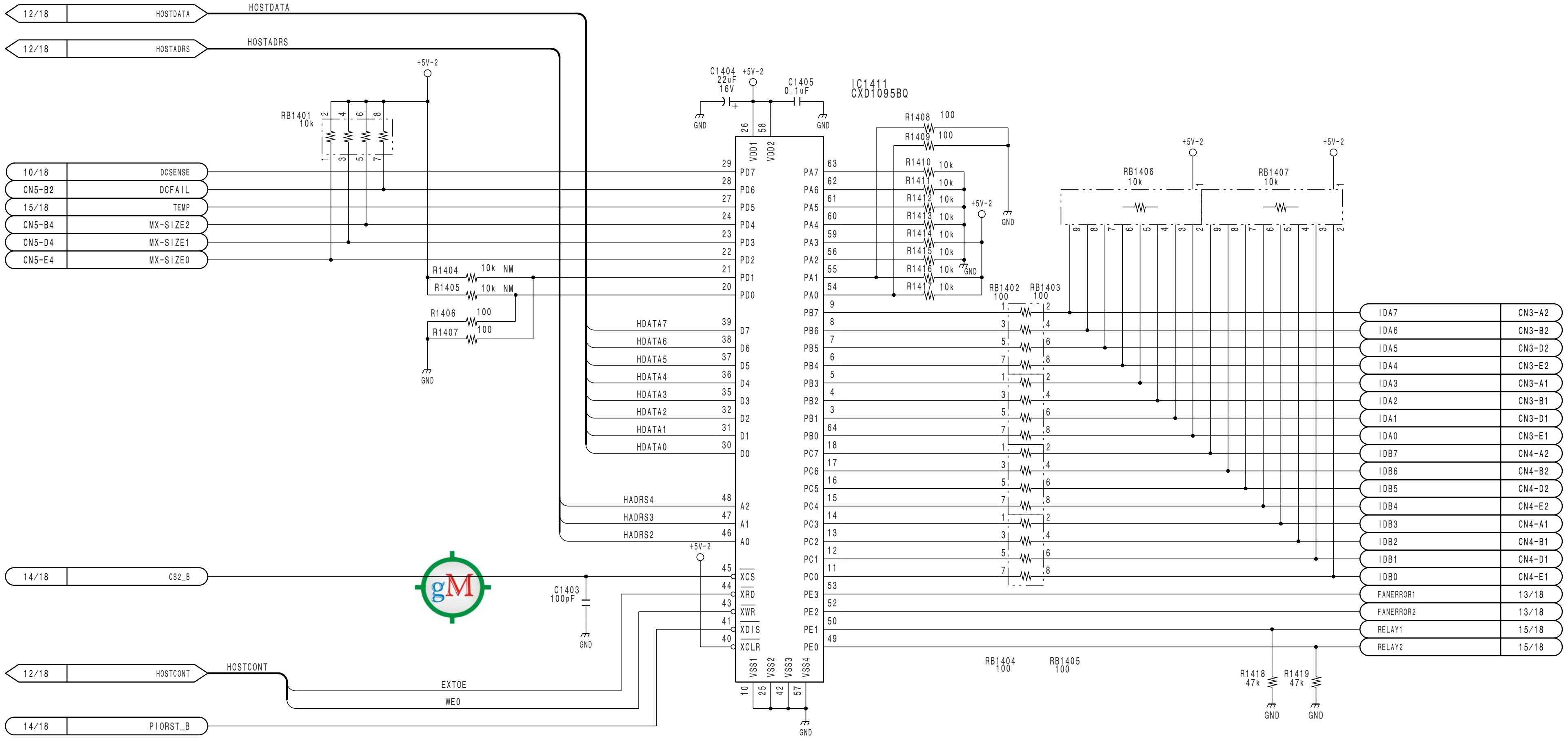

IC1201 GS1515-CTM
IC1202 GS1515-CTM
IC1203 GS1515-CTM
IC1204 GS1515-CTM
Q1201 2SC5245-4/5-TL
Q1202 2SC5245-4/5-TL
Q1203 2SC5245-4/5-TL
Q1204 2SC5245-4/5-TL
Q1205 2SC3356-T1K
Q1206 2SC3356-T1K
Q1207 2SC5245-4/5-TL
Q1208 2SC5245-4/5-TL
Q1209 2SC5245-4/5-TL
Q1210 2SC5245-4/5-TL
Q1211 2SC3356-T1K
Q1212 2SC3356-T1K
D1201 DAP202K-T-146
D1202 DAP202K-T-146
D1203 DAP202K-T-146
D1204 DAP202K-T-146
X1201
X1202
X1203
X1204
3/18 MXO13+
3/18 MXO13-
3/18 MXO14+
3/18 MXO14-
3/18 MXO15+
3/18 MXO15-
3/18 MXO16+
3/18 MXO16-
MXO13+ CN3-E5
MXO13- CN3-D5
SDET13 9/18
MXO14+ CN3-B5
MXO14- CN3-A5
SDET14 9/18
MXO15+ CN3-E4
MXO15- CN3-D4
SDET15 9/18
MXO16+ CN3-B4
MXO16- CN3-A4
SDET16 9/18
9/18 BYPBLK4
DDI+
DDI-
VTT
RSET
BYPASS
CLK
VCO_CAP
LFS+
LFS-
PLCAP+
PLCAP-
SDO+
SDO-
DM+
DM-
LFA
IJI
LOCK
VCC
CDVCC
LFA_VCC
SHIELD1
SHIELD2
SHIELD3
GND1
GND2
LFA_GND
CONT
OUT
+5V
GND
1
2
3
4
5
A
B
C
D
E
F
G
H

VSW-68 (7/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_7

VSW-68 (8/18)

HDS-X3400 : S/N 10001 and Higher

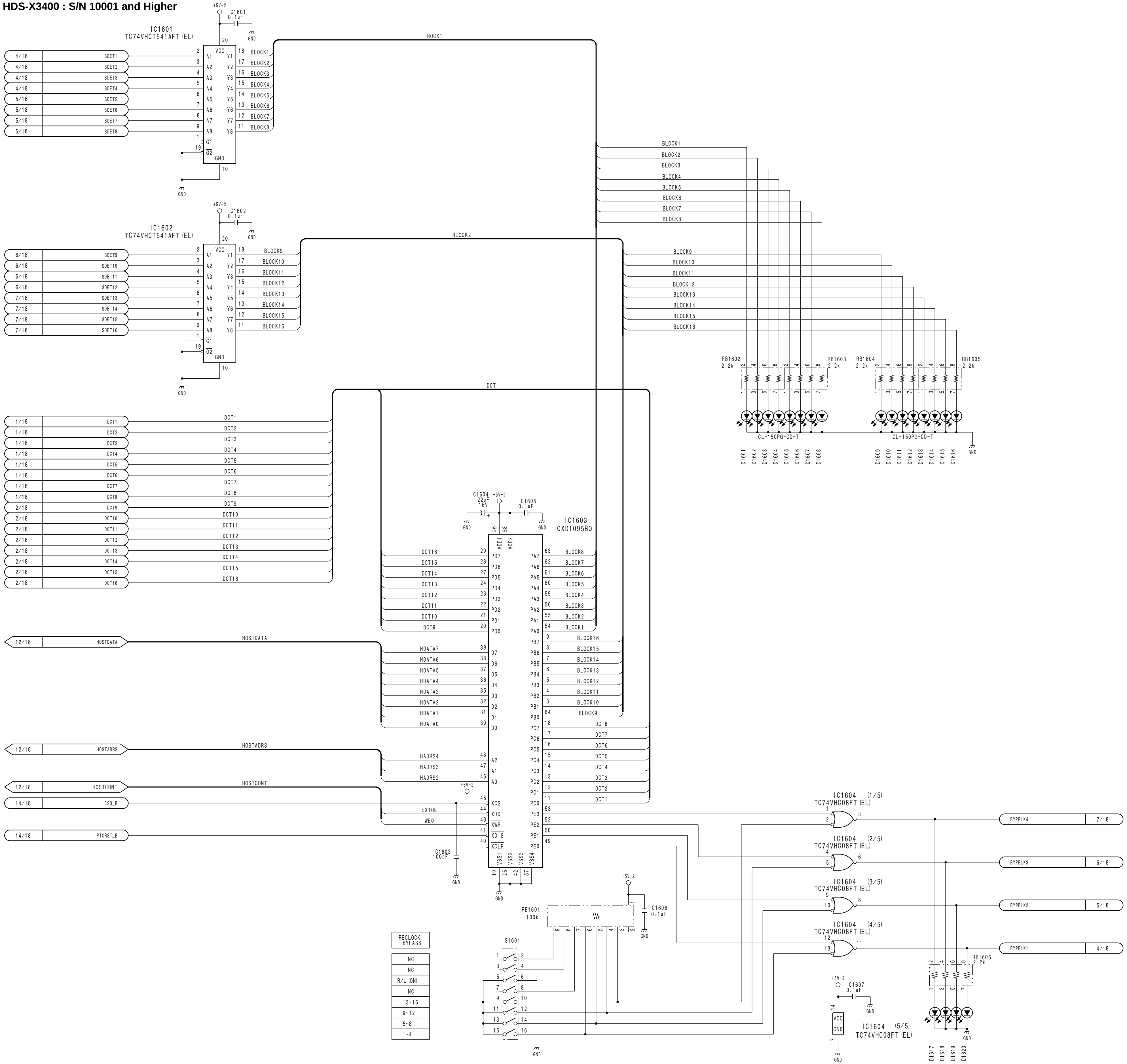

12/18 HOSTDATA
12/18 HOSTADRS
10/18 DCSENSE
CN5-B2 DCFAIL
15/18 TEMP
CN5-B4 MX-SIZE2
CN5-D4 MX-SIZE1
CN5-E4 MX-SIZE0
14/18 CS2_B
12/18 HOSTCONT
14/18 PIORST_B
RB1401 10k
+5V-2
R1404 10k NM
R1405 10k NM
R1406 100
R1407 100
GND
HDATA7
HDATA6
HDATA5
HDATA4
HDATA3
HDATA2
HDATA1
HDATA0
HADRS4
HADRS3
HADRS2
C1403 100pF
EXTOE
WEO
C1404 22uF 16V
C1405 0.1uF
IC1411 CXD1095BQ
VDD1 VDD2
PD7 PD6 PD5 PD4 PD3 PD2 PD1 PD0
D7 D6 D5 D4 D3 D2 D1 D0
A2 A1 A0
XCS XRD XWR XDIS XCLR
VSS1 VSS2 VSS3 VSS4
PA7 PA6 PA5 PA4 PA3 PA2 PA1 PA0
PB7 PB6 PB5 PB4 PB3 PB2 PB1 PB0
PC7 PC6 PC5 PC4 PC3 PC2 PC1 PC0
PE3 PE2 PE1 PE0
R1408 100
R1409 100
R1410 10k
R1411 10k
R1412 10k
R1413 10k
R1414 10k
R1415 10k
R1416 10k
R1417 10k
RB1402 100
RB1403 100
RB1404 100
RB1405 100
RB1406 10k
RB1407 10k
R1418 47k
R1419 47k
IDA7 CN3-A2
IDA6 CN3-B2
IDA5 CN3-D2
IDA4 CN3-E2
IDA3 CN3-A1
IDA2 CN3-B1
IDA1 CN3-D1
IDA0 CN3-E1
IDB7 CN4-A2
IDB6 CN4-B2
IDB5 CN4-D2
IDB4 CN4-E2
IDB3 CN4-A1
IDB2 CN4-B1
IDB1 CN4-D1
IDB0 CN4-E1
FANERROR1 13/18
FANERROR2 13/18
RELAY1 15/18
RELAY2 15/18

VSW-68 (8/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_8

4-112

HDS-X3400 : S/N 10001 and Higher


IC1601
TC74VHCT541AFT (EL)
C1601 0.1uF
+5V-2
GND
SDET1
SDET2
SDET3
SDET4
SDET5
SDET6
SDET7
SDET8
BLOCK1
BLOCK2
BLOCK3
BLOCK4
BLOCK5
BLOCK6
BLOCK7
BLOCK8
BOCK1
IC1602
TC74VHCT541AFT (EL)
C1602 0.1uF
SDET9
SDET10
SDET11
SDET12
SDET13
SDET14
SDET15
SDET16
BLOCK9
BLOCK10
BLOCK11
BLOCK12
BLOCK13
BLOCK14
BLOCK15
BLOCK16
BLOCK2
DCT
DCT1
DCT2
DCT3
DCT4
DCT5
DCT6
DCT7
DCT8
DCT9
DCT10
DCT11
DCT12
DCT13
DCT14
DCT15
DCT16
HOSTDATA
HOSTADRS
HOSTCONT
CS3_B
PIORST_B
IC1603
CXD1095BQ
C1604 22uF 16V
C1605 0.1uF
C1603 100pF
HDATA0
HDATA1
HDATA2
HDATA3
HDATA4
HDATA5
HDATA6
HDATA7
HADRS2
HADRS3
HADRS4
EXTOE
WEO
RB1601 100k
C1606 0.1uF
S1601
RECLOCK BYPASS
NC
NC
R/L (ON)
NC
13-16
9-12
5-8
1-4
RB1602 2.2k
RB1603 2.2k
RB1604 2.2k
RB1605 2.2k
CL-150PG-CD-T
CL-150PG-CD-T
D1601
D1602
D1603
D1604
D1605
D1606
D1607
D1608
D1609
D1610
D1611
D1612
D1613
D1614
D1615
D1616
IC1604 (1/5) TC74VHC08FT (EL)
IC1604 (2/5) TC74VHC08FT (EL)
IC1604 (3/5) TC74VHC08FT (EL)
IC1604 (4/5) TC74VHC08FT (EL)
IC1604 (5/5) TC74VHC08FT (EL)
C1607 0.1uF
BYPBLK4 7/18
BYPBLK3 6/18
BYPBLK2 5/18
BYPBLK1 4/18
RB1606 2.2k
D1617
D1618
D1619
D1620

VSW-68 (9/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_9

HDS-X3400 : S/N 10001 and Higher

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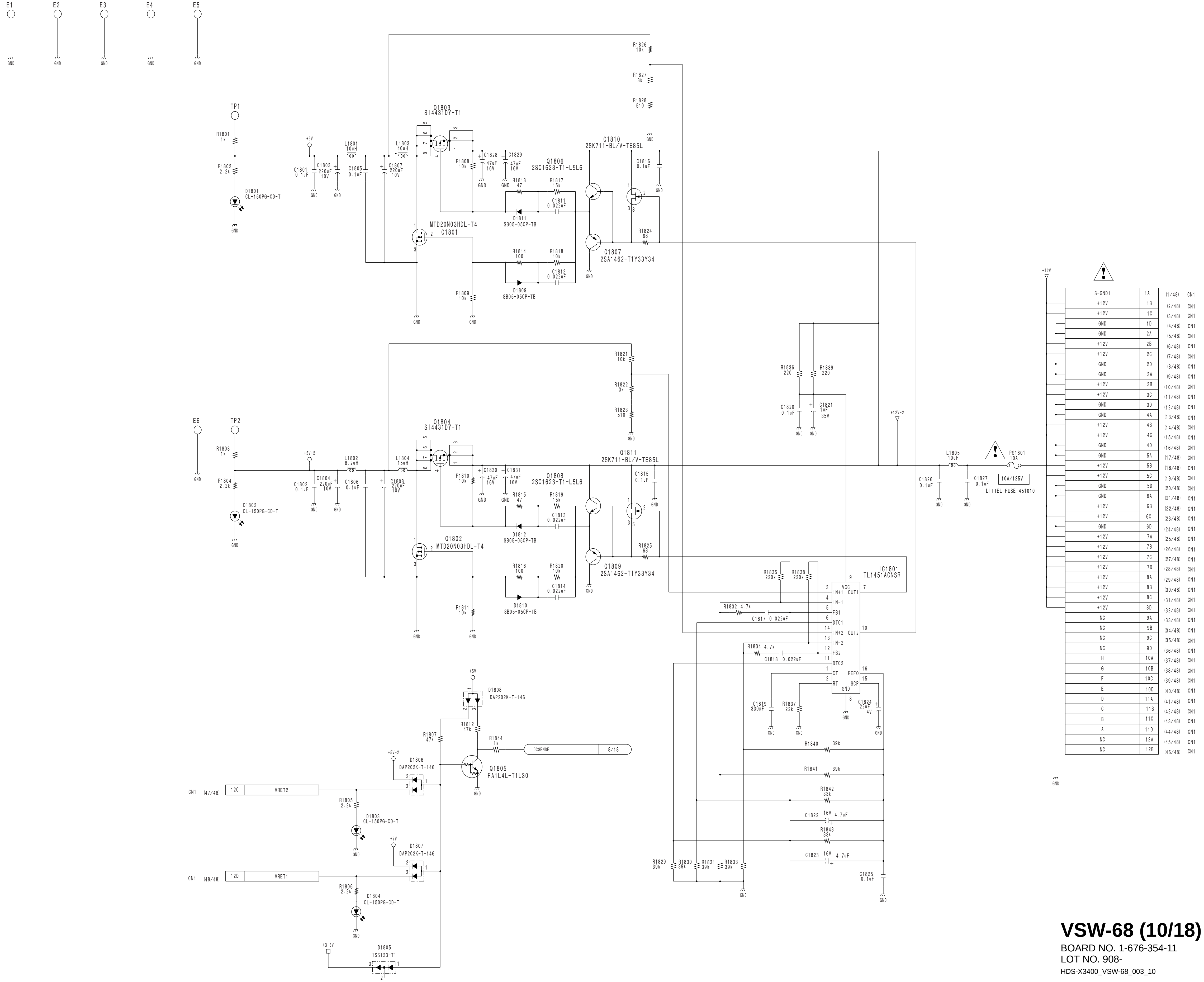

E1
E2
E3
E4
E5
E6
GND
TP1
TP2
R1801 1k
R1802 2.2k
D1801 CL-150PG-CD-T
R1803 1k
R1804 2.2k
D1802 CL-150PG-CD-T
+5V
+5V-2
C1801 0.1uF
C1803 220uF 10V
C1805 0.1uF
C1807 220uF 10V
C1802 0.1uF
C1804 220uF 10V
C1806 0.1uF
C1808 220uF 10V
L1801 10uH
L1802 8.2uH
L1803 40uH
L1804 15uH
Q1803 SI4431DY-T1
Q1804 SI4431DY-T1
Q1801 MTD20N03HDL-T4
Q1802 MTD20N03HDL-T4
R1808 10k
R1810 10k
R1809 10k
R1811 10k
C1828 47uF 16V
C1829 47uF 16V
C1830 47uF 16V
C1831 47uF 16V
R1813 47
R1815 47
R1817 15k
R1819 15k
C1811 0.022uF
C1813 0.022uF
D1811 SB05-05CP-TB
D1812 SB05-05CP-TB
R1814 100
R1816 100
R1818 10k
R1820 10k
C1812 0.022uF
C1814 0.022uF
D1809 SB05-05CP-TB
D1810 SB05-05CP-TB
Q1806 2SC1623-T1-L5L6
Q1808 2SC1623-T1-L5L6
Q1807 2SA1462-T1Y33Y34
Q1809 2SA1462-T1Y33Y34
Q1810 2SK711-BL/V-TE85L
Q1811 2SK711-BL/V-TE85L
C1816 0.1uF
C1815 0.1uF
R1824 68
R1825 68
R1826 10k
R1827 3k
R1828 510
R1821 10k
R1822 3k
R1823 510
R1836 220
R1839 220
C1820 0.1uF
C1821 1uF 35V
+12V-2
L1805 10uH
C1826 0.1uF
C1827 0.1uF
PS1801 10A
10A/125V
LITTEL FUSE 451010
+12V
IC1801 TL1451ACNSR
VCC
IN+1
OUT1
IN-1
FB1
DTC1
IN+2
OUT2
IN-2
FB2
DTC2
CT
REFO
RT
SCP
GND
R1835 220k
R1838 220k
R1832 4.7k
C1817 0.022uF
R1834 4.7k
C1818 0.022uF
C1819 330pF
R1837 22k
C1824 22uF 4V
R1840 39k
R1841 39k
R1842 33k
C1822 16V 4.7uF
R1843 33k
C1823 16V 4.7uF
C1825 0.1uF
R1829 39k
R1830 39k
R1831 39k
R1833 39k
D1808 DAP202K-T-146
R1812 47k
R1807 47k
R1844 1k
DCSENSE 8/18
Q1805 FA1L4L-T1L30
D1806 DAP202K-T-146
+5V-2
CN1 (47/48) 12C VRET2
R1805 2.2k
D1803 CL-150PG-CD-T
+7V
D1807 DAP202K-T-146
CN1 (48/48) 12D VRET1
R1806 2.2k
D1804 CL-150PG-CD-T
+3.3V
D1805 1SS123-T1
S-GND1 1A (1/48) CN1
+12V 1B (2/48) CN1
+12V 1C (3/48) CN1
GND 1D (4/48) CN1
GND 2A (5/48) CN1
+12V 2B (6/48) CN1
+12V 2C (7/48) CN1
GND 2D (8/48) CN1
GND 3A (9/48) CN1
+12V 3B (10/48) CN1
+12V 3C (11/48) CN1
GND 3D (12/48) CN1
GND 4A (13/48) CN1
+12V 4B (14/48) CN1
+12V 4C (15/48) CN1
GND 4D (16/48) CN1
GND 5A (17/48) CN1
+12V 5B (18/48) CN1
+12V 5C (19/48) CN1
GND 5D (20/48) CN1
GND 6A (21/48) CN1
+12V 6B (22/48) CN1
+12V 6C (23/48) CN1
GND 6D (24/48) CN1
+12V 7A (25/48) CN1
+12V 7B (26/48) CN1
+12V 7C (27/48) CN1
+12V 7D (28/48) CN1
+12V 8A (29/48) CN1
+12V 8B (30/48) CN1
+12V 8C (31/48) CN1
+12V 8D (32/48) CN1
NC 9A (33/48) CN1
NC 9B (34/48) CN1
NC 9C (35/48) CN1
NC 9D (36/48) CN1
H 10A (37/48) CN1
G 10B (38/48) CN1
F 10C (39/48) CN1
E 10D (40/48) CN1
D 11A (41/48) CN1
C 11B (42/48) CN1
B 11C (43/48) CN1
A 11D (44/48) CN1
NC 12A (45/48) CN1
NC 12B (46/48) CN1

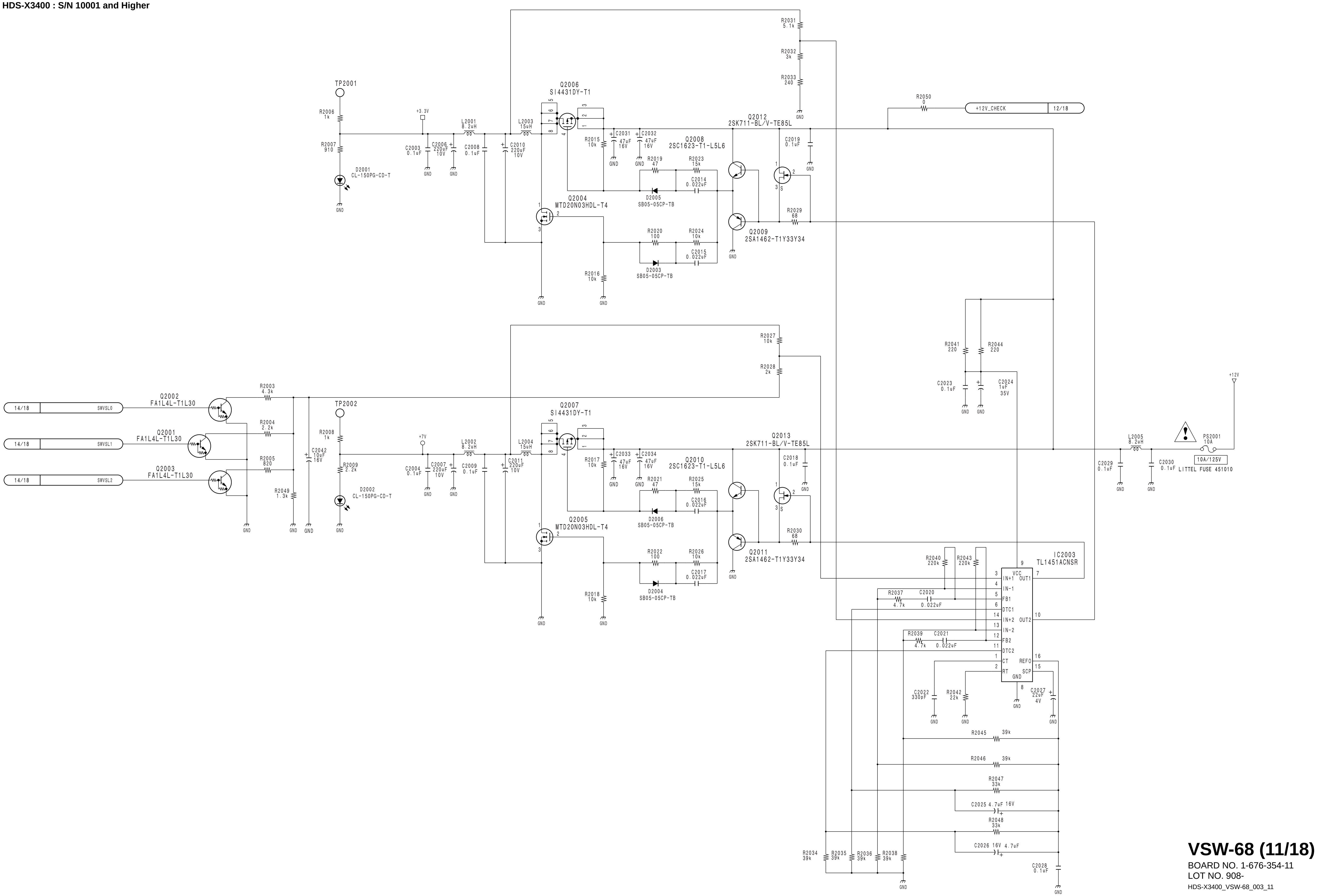
VSW-68 (10/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_10

A B C D E F G H

VSW-68 (11/18)

HDS-X3400 : S/N 10001 and Higher

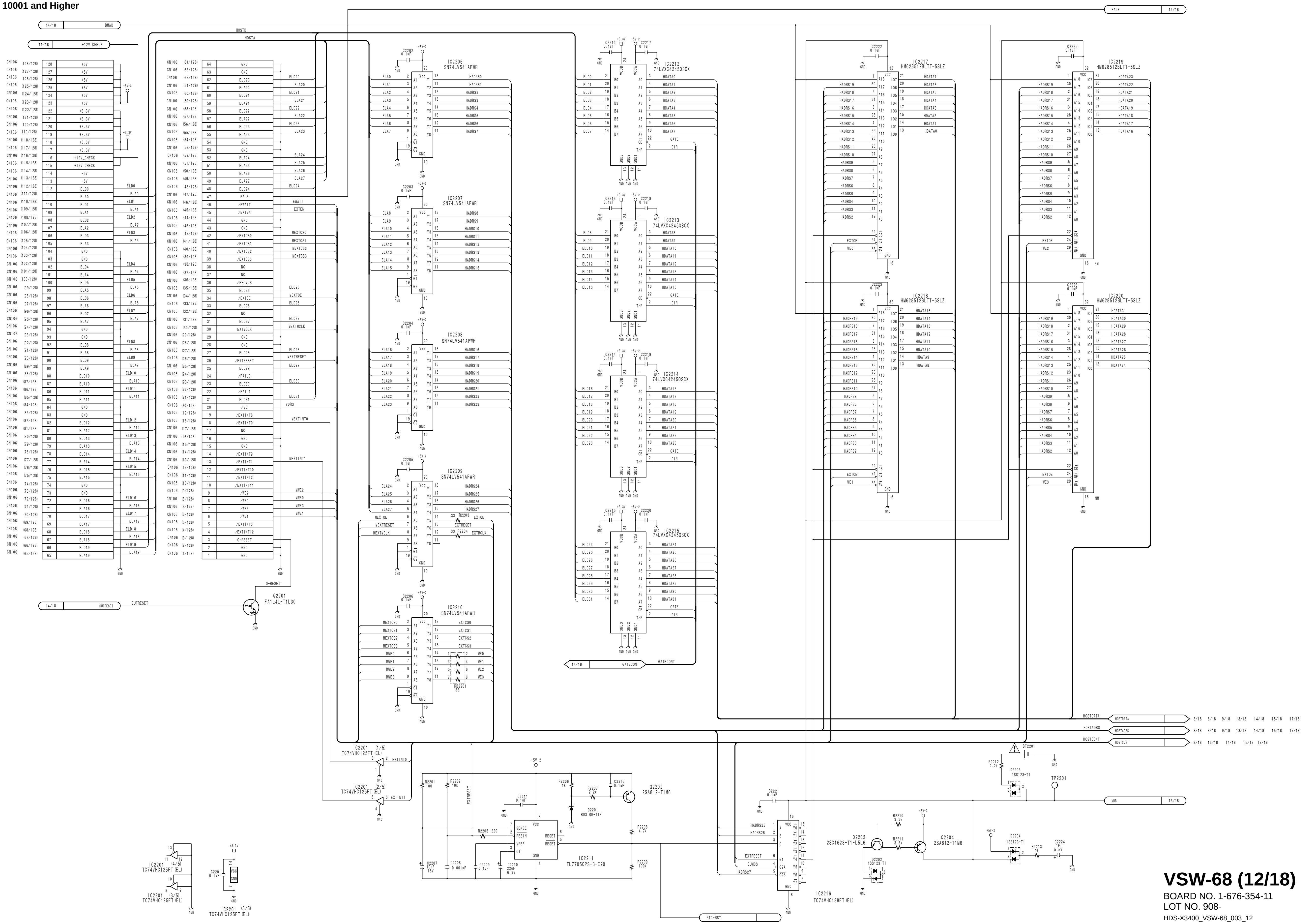

TP2001
R2006 1k
R2007 910
D2001 CL-150PG-CD-T
+3.3V
C2003 0.1uF
C2006 220uF 10V
L2001 8.2uH
C2008 0.1uF
C2010 220uF 10V
L2003 15uH
Q2006 SI4431DY-T1
Q2004 MTD20N03HDL-T4
R2015 10k
C2031 47uF 16V
C2032 47uF 16V
Q2008 2SC1623-T1-L5L6
R2019 47
R2023 15k
C2014 0.022uF
D2005 SB05-05CP-TB
Q2012 2SK711-BL/V-TE85L
C2019 0.1uF
R2029 68
Q2009 2SA1462-T1Y33Y34
R2020 100
R2024 10k
C2015 0.022uF
D2003 SB05-05CP-TB
R2016 10k
R2031 5.1k
R2032 3k
R2033 240
R2050 0
+12V_CHECK
12/18
R2041 220
R2044 220
C2023 0.1uF
C2024 1uF 35V
R2027 10k
R2028 2k
R2003 4.3k
R2004 2.2k
R2005 820
R2049 1.3k
Q2002 FA1L4L-T1L30
Q2001 FA1L4L-T1L30
Q2003 FA1L4L-T1L30
14/18 SWVSL0
14/18 SWVSL1
14/18 SWVSL2
C2042 10uF 16V
TP2002
R2008 1k
R2009 2.2k
D2002 CL-150PG-CD-T
+7V
C2004 0.1uF
C2007 220uF 10V
L2002 8.2uH
C2009 0.1uF
C2011 220uF 10V
L2004 15uH
Q2007 SI4431DY-T1
Q2005 MTD20N03HDL-T4
R2017 10k
C2033 47uF 16V
C2034 47uF 16V
Q2010 2SC1623-T1-L5L6
R2021 47
R2025 15k
C2016 0.022uF
D2006 SB05-05CP-TB
Q2013 2SK711-BL/V-TE85L
C2018 0.1uF
R2030 68
Q2011 2SA1462-T1Y33Y34
R2022 100
R2026 10k
C2017 0.022uF
D2004 SB05-05CP-TB
R2018 10k
+12V
L2005 8.2uH
PS2001 10A
10A/125V
LITTEL FUSE 451010
C2029 0.1uF
C2030 0.1uF
IC2003 TL1451ACNSR
VCC IN+1 IN-1 FB1 DTC1 IN+2 IN-2 FB2 DTC2 CT RT GND OUT1 OUT2 REF SCP
R2040 220k
R2043 220k
R2037 4.7k
C2020 0.022uF
R2039 4.7k
C2021 0.022uF
C2022 330pF
R2042 22k
C2027 22uF 4V
R2045 39k
R2046 39k
R2047 33k
C2025 4.7uF 16V
R2048 33k
C2026 16V 4.7uF
C2028 0.1uF
R2034 39k
R2035 39k
R2036 39k
R2038 39k
GND
1
2
3
4
5
A
B
C
D
E
F
G
H

VSW-68 (11/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_11

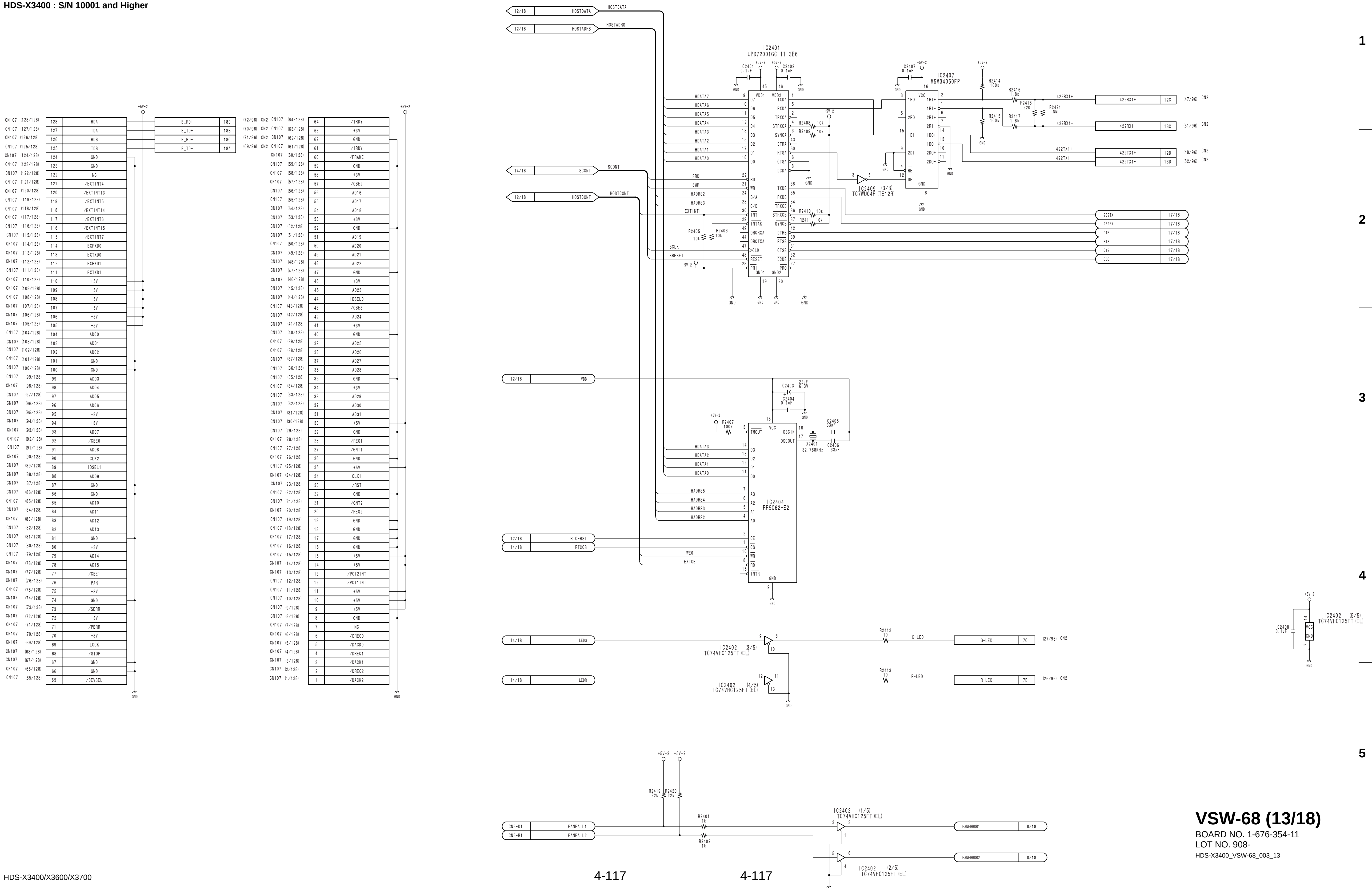
4-115

HDS-X3400 : S/N 10001 and Higher


1
2
3
4
5
A
B
C
D
E
F
G
H
14/18 BMAD
11/18 +12V_CHECK
EALE 14/18
CN106
IC2206 SN74LV541APWR
IC2207 SN74LV541APWR
IC2208 SN74LV541APWR
IC2209 SN74LV541APWR
IC2210 SN74LV541APWR
IC2212 74LVXC4245QSCX
IC2213 74LVXC4245QSCX
IC2214 74LVXC4245QSCX
IC2215 74LVXC4245QSCX
IC2217 HM628512BLTT-5SLZ
IC2218 HM628512BLTT-5SLZ
IC2219 HM628512BLTT-5SLZ
IC2220 HM628512BLTT-5SLZ
Q2201 FA1L4L-T1L30
14/18 OUTRESET
14/18 GATECONT
HOSTDATA 3/18 8/18 9/18 13/18 14/18 15/18 17/18
HOSTADRS 3/18 8/18 9/18 13/18 14/18 15/18 17/18
HOSTCONT 8/18 13/18 14/18 15/18 17/18
BT2201
TP2201
D2203 1SS123-T1
VBB 13/18
IC2201 (1/5) TC74VHC125FT(EL)
IC2201 (2/5) TC74VHC125FT(EL)
IC2201 (4/5) TC74VHC125FT(EL)
IC2201 (3/5) TC74VHC125FT(EL)
IC2201 (5/5) TC74VHC125FT(EL)
IC2211 TL7705CPS-B-E20
D2201 RD3.0M-T1B
Q2202 2SA812-T1M6
IC2216 TC74VHC138FT(EL)
Q2203 2SC1623-T1-L5L6
Q2204 2SA812-T1M6
D2202 1SS123-T1
D2204 1SS123-T1
RTC-RST

VSW-68 (12/18)
BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_12

HDS-X3400 : S/N 10001 and Higher


CN107
+5V-2
GND
E_RD+
E_TD+
E_RD-
E_TD-
HOSTDATA
HOSTADRS
SCONT
HOSTCONT
IC2401
UPD72001GC-11-3B6
IC2407
M5M34050FP
IC2409 (3/3)
TC7WU04F (TE12R)
422RX1+
422RX1-
422TX1+
422TX1-
232TX
232RX
DTR
RTS
CTS
CDC
VBB
IC2404
RF5C62-E2
X2401
32.768KHz
RTC-RST
RTCCS
LEDG
LEDR
G-LED
R-LED
IC2402 (3/5)
TC74VHC125FT (EL)
IC2402 (4/5)
TC74VHC125FT (EL)
IC2402 (5/5)
TC74VHC125FT (EL)
IC2402 (1/5)
TC74VHC125FT (EL)
IC2402 (2/5)
TC74VHC125FT (EL)
CN5-D1
CN5-B1
FANFAIL1
FANFAIL2
FANERROR1
FANERROR2
1
2
3
4
5
A
B
C
D
E
F
G
H

VSW-68 (13/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_13

HDS-X3400 : S/N 10001 and Higher

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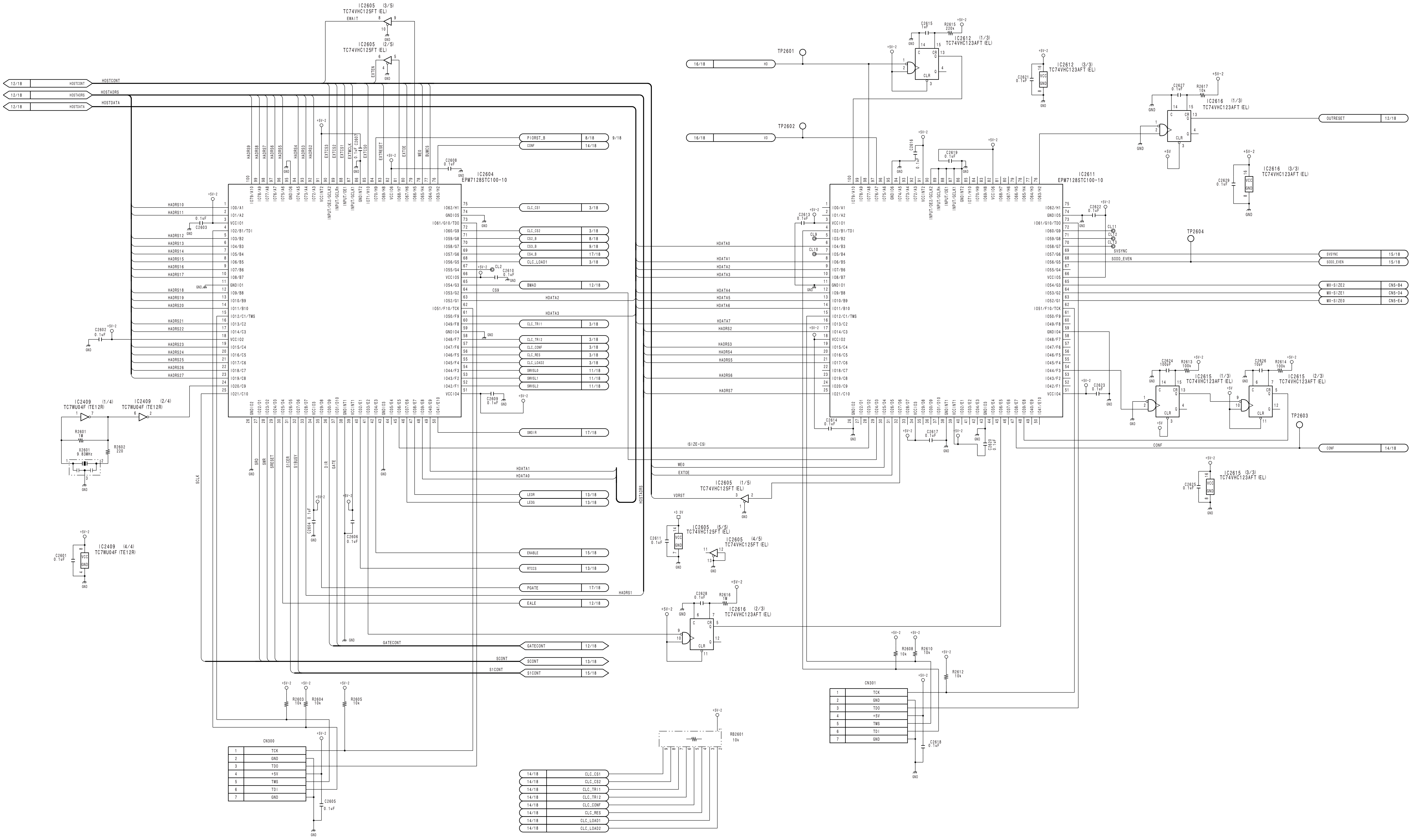
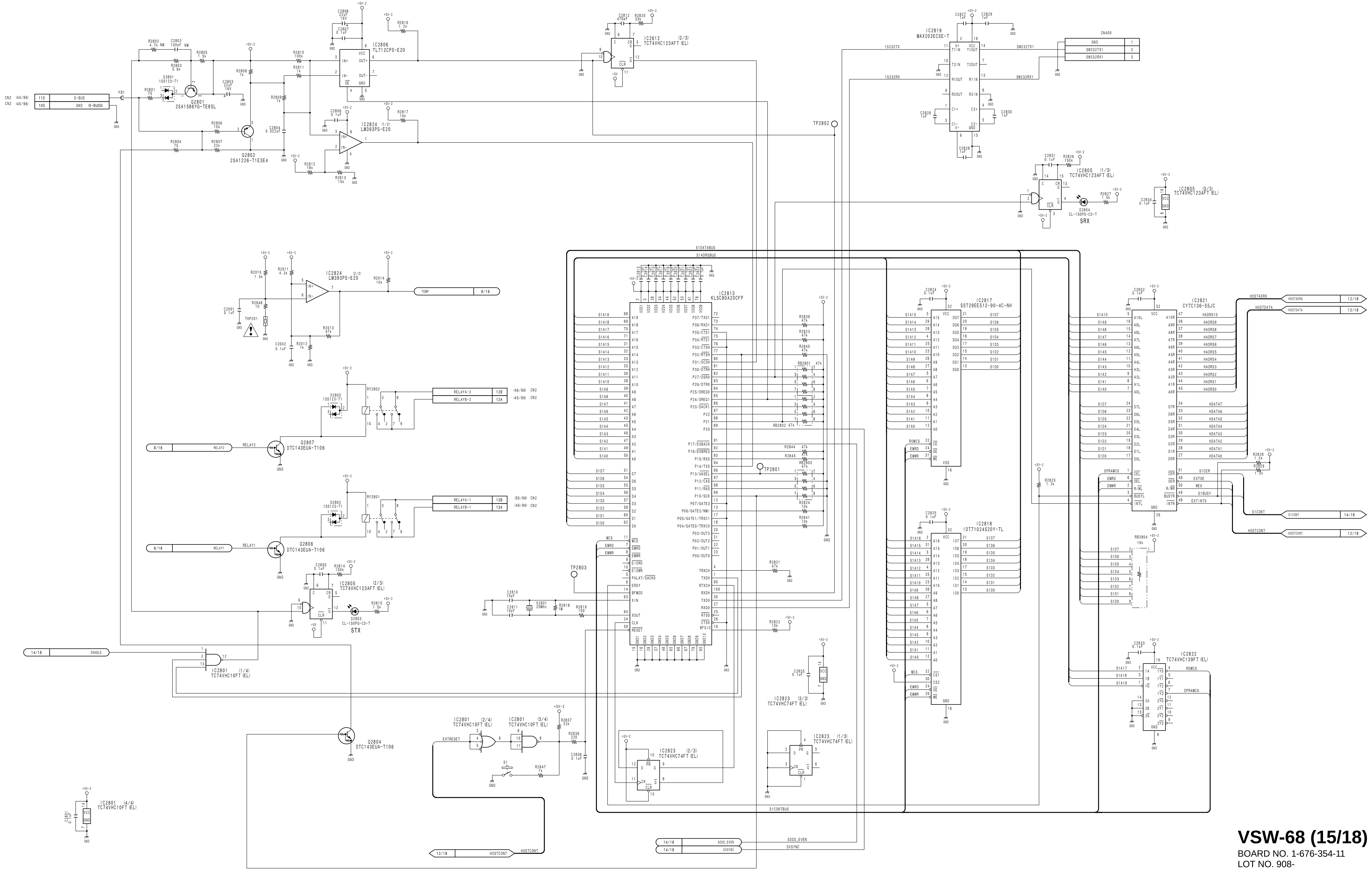

IC2605 (3/5) TC74VHC125FT (EL)
IC2605 (2/5) TC74VHC125FT (EL)
IC2604 EPM7128STC100-10
IC2611 EPM7128STC100-10
IC2612 (1/3) TC74VHC123AFT (EL)
IC2612 (3/3) TC74VHC123AFT (EL)
IC2616 (1/3) TC74VHC123AFT (EL)
IC2616 (3/3) TC74VHC123AFT (EL)
IC2616 (2/3) TC74VHC123AFT (EL)
IC2615 (1/3) TC74VHC123AFT (EL)
IC2615 (2/3) TC74VHC123AFT (EL)
IC2615 (3/3) TC74VHC123AFT (EL)
IC2605 (1/5) TC74VHC125FT (EL)
IC2605 (4/5) TC74VHC125FT (EL)
IC2605 (5/5) TC74VHC125FT (EL)
IC2409 (1/4) TC7WU04F (TE12R)
IC2409 (2/4) TC7WU04F (TE12R)
IC2409 (4/4) TC7WU04F (TE12R)
X2601 9.83MHz
TP2601
TP2602
TP2603
TP2604
HOSTCONT
HOSTADRS
HOSTDATA
12/18
16/18
HD
VD
PIORST_B
CONF
CLC_CS1
CLC_CS2
CS1_B
CS3_B
CS4_B
CLC_LOAD1
BWAD
CLC_TRI1
CLC_TRI2
CLC_CONF
CLC_RES
CLC_LOAD2
SWVSL0
SWVSL1
SWVSL2
SWDIR
LEDR
LEDG
ENABLE
RTCCS
PGATE
EALE
GATECONT
SCONT
S1CONT
OUTRESET
SVSYNC
SODD_EVEN
WX-SIZE2
WX-SIZE1
WX-SIZE0
CN5-B4
CN5-D4
CN5-E4
HDATA0
HDATA1
HDATA2
HDATA3
HDATA4
HDATA5
HDATA6
HDATA7
SIZE-CS
WEO
EXTOE
VDRST
CN300
CN301
TCK
GND
TDO
+5V
TMS
TDI
RB2601 10k
+5V-2
+3.3V

VSW-68 (14/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_14

A B C D E F G H

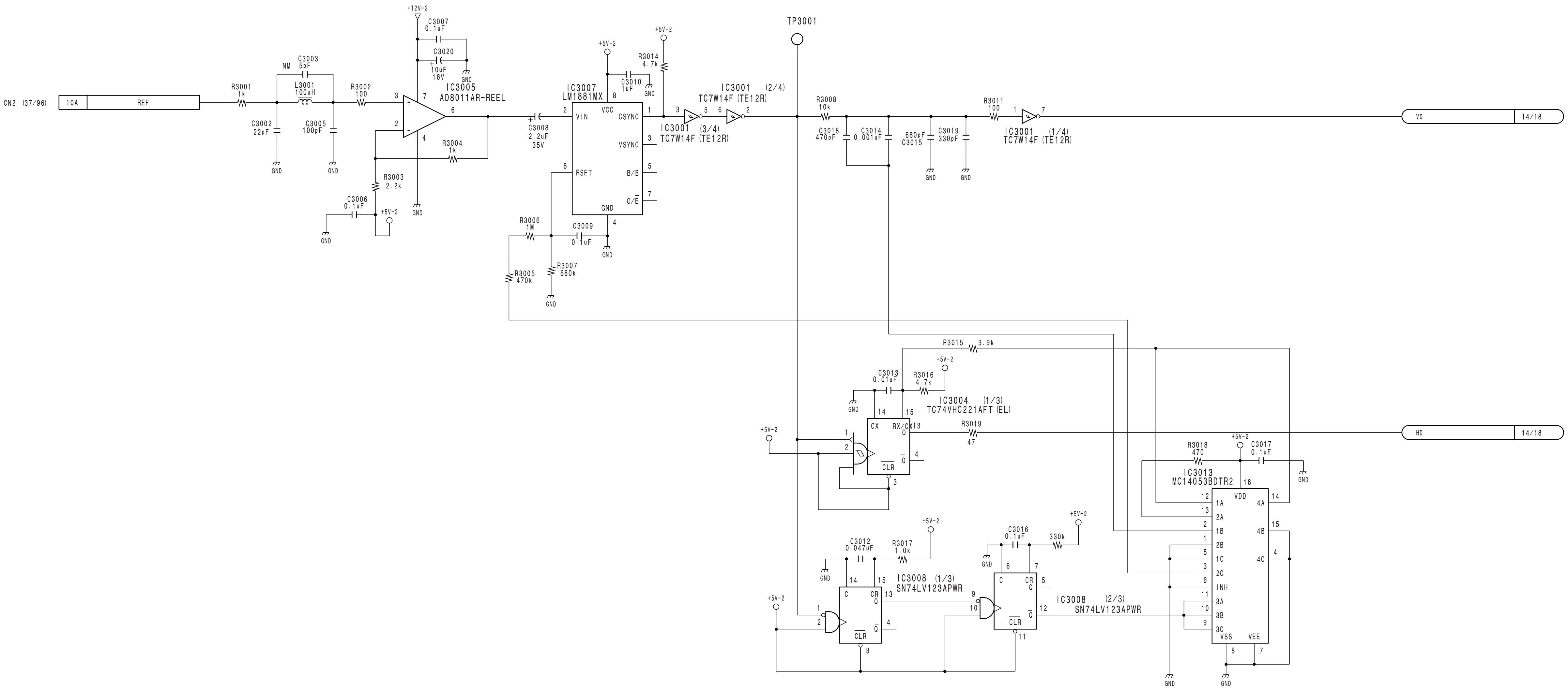
HDS-X3400 : S/N 10001 and Higher

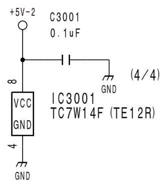

1
2
3
4
5
IC2806 TL712CPS-E20
IC2612 (2/3) TC74VHC123AFT (EL)
IC2819 MAX202ECSE-T
CN400
IC2824 (1/2) LM393PS-E20
IC2824 (2/2) LM393PS-E20
Q2801 2SA1586YG-TE85L
Q2802 2SA1226-T1E3E4
CN2
S-BUS
GND (S-BUSG)
IC2805 (1/3) TC74VHC123AFT (EL)
IC2805 (3/3) TC74VHC123AFT (EL)
SRX
TP2802
S1DATABUS
S1ADRSBUS
IC2813 KL5C80A20CFP
IC2817 SST29EE512-90-4C-NH
IC2821 CY7C136-55JC
HOSTADRS
HOSTDATA
TEMP
RELAYA-2
RELAYB-2
RELAYA-1
RELAYB-1
RY2802
RY2801
Q2807 DTC143EUA-T106
Q2806 DTC143EUA-T106
RELAY2
RELAY1
IC2805 (2/3) TC74VHC123AFT (EL)
STX
TP2801
TP2803
IC2818 IDT71024S20Y-TL
S1CONT
HOSTCONT
ENABLE
IC2801 (1/4) TC74VHC10FT (EL)
IC2823 (3/3) TC74VHC74FT (EL)
IC2822 TC74VHC139FT (EL)
Q2804 DTC143EUA-T106
IC2801 (2/4) TC74VHC10FT (EL)
IC2801 (3/4) TC74VHC10FT (EL)
EXTRESET
IC2823 (2/3) TC74VHC74FT (EL)
IC2823 (1/3) TC74VHC74FT (EL)
S1CONTBUS
IC2801 (4/4) TC74VHC10FT (EL)
SDDD_EVEN
SVSYNC
ROMCS
DPRAMCS

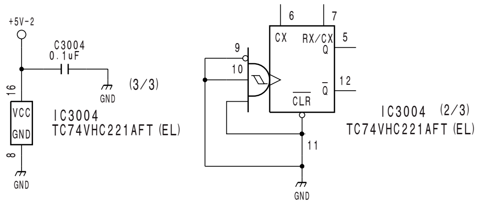
VSW-68 (15/18)

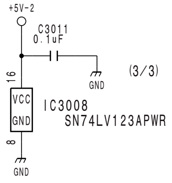
BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_15

HDS-X3400 : S/N 10001 and Higher


CN2 (37/96)
10A
REF
R3001 1k
C3002 22pF
NM C3003 5pF
L3001 100uH
C3005 100pF
R3002 100
+12V-2
C3007 0.1uF
C3020 10uF 16V
IC3005 AD8011AR-REEL
R3004 1k
R3003 2.2k
C3006 0.1uF
+5V-2
GND
C3008 2.2uF 35V
IC3007 LM1881MX
VIN
VCC
CSYNC
VSYNC
RSET
B/B
O/E
C3010 1uF
R3014 4.7k
R3006 1M
C3009 0.1uF
R3005 470k
R3007 680k
IC3001 (3/4) TC7W14F (TE12R)
IC3001 (2/4) TC7W14F (TE12R)
TP3001
R3008 10k
C3018 470pF
C3014 0.001uF
680pF C3015
C3019 330pF
R3011 100
IC3001 (1/4) TC7W14F (TE12R)
VD
14/18
R3015 3.9k
C3013 0.01uF
R3016 4.7k
IC3004 (1/3) TC74VHC221AFT (EL)
CX
RX/CX
Q
CLR
R3019 47
HD
14/18
R3018 470
C3017 0.1uF
IC3013 MC14053BDTR2
VDD
1A
2A
1B
2B
1C
2C
INH
3A
3B
3C
VSS
VEE
4A
4B
4C
C3012 0.047uF
R3017 1.0k
IC3008 (1/3) SN74LV123APWR
C
CR
C3016 0.1uF
330k
IC3008 (2/3) SN74LV123APWR


+5V-2
C3001 0.1uF
GND
(4/4)
VCC
GND
8
4
IC3001 TC7W14F (TE12R)

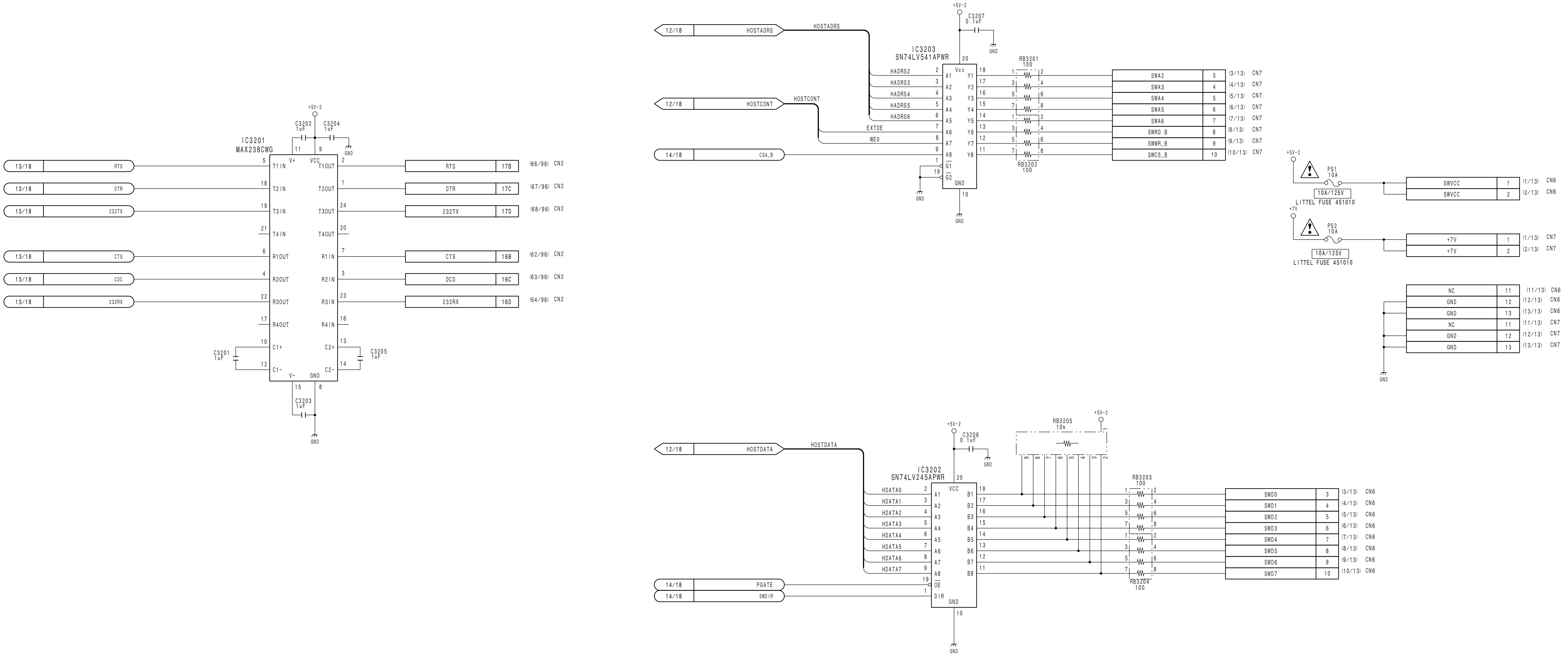

+5V-2
C3004 0.1uF
GND
(3/3)
VCC
GND
16
8
IC3004 TC74VHC221AFT (EL)
CX
RX/CX
Q
CLR
6
7
5
9
10
12
11
IC3004 (2/3) TC74VHC221AFT (EL)


+5V-2
C3011 0.1uF
GND
(3/3)
VCC
GND
16
8
IC3008 SN74LV123APWR

VSW-68 (16/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_16

HDS-X3400 : S/N 10001 and Higher


IC3201
MAX238CWG
+5V-2
C3202 1uF
C3204 1uF
C3201 1uF
C3205 1uF
C3203 1uF
T1IN
T2IN
T3IN
T4IN
R1OUT
R2OUT
R3OUT
R4OUT
T1OUT
T2OUT
T3OUT
T4OUT
R1IN
R2IN
R3IN
R4IN
C1+
C1-
C2+
C2-
V+
V-
VCC
GND
13/18
RTS
DTR
232TX
CTS
CDC
232RX
DCD
17B
17C
17D
16B
16C
16D
(66/96) CN2
(67/96) CN2
(68/96) CN2
(62/96) CN2
(63/96) CN2
(64/96) CN2
12/18
HOSTADRS
HOSTCONT
14/18
CS4_B
IC3203
SN74LV541APWR
C3207 0.1uF
HADRS2
HADRS3
HADRS4
HADRS5
HADRS6
EXTOE
WEO
RB3201 100
RB3202 100
SWA2
SWA3
SWA4
SWA5
SWA6
SWRD_B
SWWR_B
SWCS_B
(3/13) CN7
(4/13) CN7
(5/13) CN7
(6/13) CN7
(7/13) CN7
(8/13) CN7
(9/13) CN7
(10/13) CN7
+5V-2
PS1 10A
10A/125V
LITTEL FUSE 451010
+7V
PS2 10A
SWVCC
(1/13) CN6
(2/13) CN6
(1/13) CN7
(2/13) CN7
NC
GND
(11/13) CN6
(12/13) CN6
(13/13) CN6
(11/13) CN7
(12/13) CN7
(13/13) CN7
HOSTDATA
IC3202
SN74LV245APWR
C3206 0.1uF
RB3205 10k
RB3203 100
RB3204 100
HDATA0
HDATA1
HDATA2
HDATA3
HDATA4
HDATA5
HDATA6
HDATA7
PGATE
SWDIR
OE
DIR
SWD0
SWD1
SWD2
SWD3
SWD4
SWD5
SWD6
SWD7
(3/13) CN6
(4/13) CN6
(5/13) CN6
(6/13) CN6
(7/13) CN6
(8/13) CN6
(9/13) CN6
(10/13) CN6

VSW-68 (17/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_17

VSW-68 (18/18)

HDS-X3400 : S/N 10001 and Higher

CN4

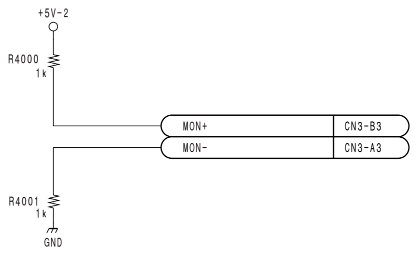
	H	G	A	B	C	D	E	F
1		GND	IDB3	IDB2	GND	IDB1	IDB0	
2	GND	GND	IDB7	IDB6	GND	IDB5	IDB4	GND
3		GND			GND	GND	GND	
4		GND	EQD16-	EQD16+	GND	EQD15-	EQD15+	GND
5		GND	EQD14-	EQD14+	GND	EQD13-	EQD13+	
6	GND	GND	EQD12-	EQD12+	GND	EQD11-	EQD11+	GND
7		GND	EQD10-	EQD10+	GND	EQD9-	EQD9+	
8	GND	GND	GND	GND	GND	GND	GND	GND
9		GND	EQD8-	EQD8+	GND	EQD7-	EQD7+	
10		GND	EQD6-	EQD6+	GND	EQD5-	EQD5+	GND
11		GND	EQD4-	EQD4+	GND	EQD3-	EQD3+	
12	GND	GND	EQD2-	EQD2+	GND	EQD1-	EQD1+	GND

CN3

	H	G	A	B	C	D	E	F
1		GND	IDA3	IDA2	GND	IDA1	IDA0	
2	GND	GND	IDA7	IDA6	GND	IDA5	IDA4	GND
3		GND	MON-	MON+	GND	GND	GND	
4		GND	MXD16-	MXD16+	GND	MXD15-	MXD15+	GND
5		GND	MXD14-	MXD14+	GND	MXD13-	MXD13+	
6	GND	GND	MXD12-	MXD12+	GND	MXD11-	MXD11+	GND
7		GND	MXD10-	MXD10+	GND	MXD9-	MXD9+	
8	GND	GND	GND	GND	GND	GND	GND	GND
9		GND	MXD8-	MXD8+	GND	MXD7-	MXD7+	
10		GND	MXD6-	MXD6+	GND	MXD5-	MXD5+	GND
11		GND	MXD4-	MXD4+	GND	MXD3-	MXD3+	
12	GND	GND	MXD2-	MXD2+	GND	MXD1-	MXD1+	GND

CN5

	H	G	A	B	C	D	E	F
1		GND		FANFAIL2	GND	FANFAIL1		
2	GND	GND		DCFAIL	GND			GND
3		GND			GND			
4		GND		MX-SIZE2	GND	MX-SIZE1	MX-SIZE0	GND
5		GND			GND			
6	GND	GND			GND			GND
7		GND			GND			
8	GND	GND			GND			GND
9		GND	GND	GND	GND	GND	(S-GND2)	
10		GND			GND			GND
11		GND			GND			
12	GND	GND			GND			GND



CN2 (1/96)	1A	NC
CN2 (2/96)	1B	NC
CN2 (3/96)	1C	NC
CN2 (4/96)	1D	NC
CN2 (5/96)	2A	NC
CN2 (6/96)	2B	NC
CN2 (7/96)	2C	NC
CN2 (8/96)	2D	NC
CN2 (9/96)	3A	NC
CN2 (10/96)	3B	NC
CN2 (11/96)	3C	NC
CN2 (12/96)	3D	NC
CN2 (13/96)	4A	NC
CN2 (14/96)	4B	NC
CN2 (15/96)	4C	NC
CN2 (16/96)	4D	NC
CN2 (17/96)	5A	NC
CN2 (18/96)	5B	NC
CN2 (19/96)	5C	NC
CN2 (20/96)	5D	NC
CN2 (21/96)	6A	NC
CN2 (22/96)	6B	NC
CN2 (23/96)	6C	NC
CN2 (24/96)	6D	NC
CN2 (25/96)	7A	NC
CN2 (28/96)	7D	NC
CN2 (29/96)	8A	NC
CN2 (30/96)	8B	NC
CN2 (31/96)	8C	NC
CN2 (32/96)	8D	NC
CN2 (33/96)	9A	NC
CN2 (34/96)	9B	NC
CN2 (35/96)	9C	NC
CN2 (36/96)	9D	NC
CN2 (38/96)	10B	NC
CN2 (39/96)	10C	NC
CN2 (41/96)	11A	NC
CN2 (42/96)	11B	NC
CN2 (43/96)	11C	NC
CN2 (53/96)	14A	NC
CN2 (54/96)	14B	NC
CN2 (55/96)	14C	GND
CN2 (56/96)	14D	GND

GND

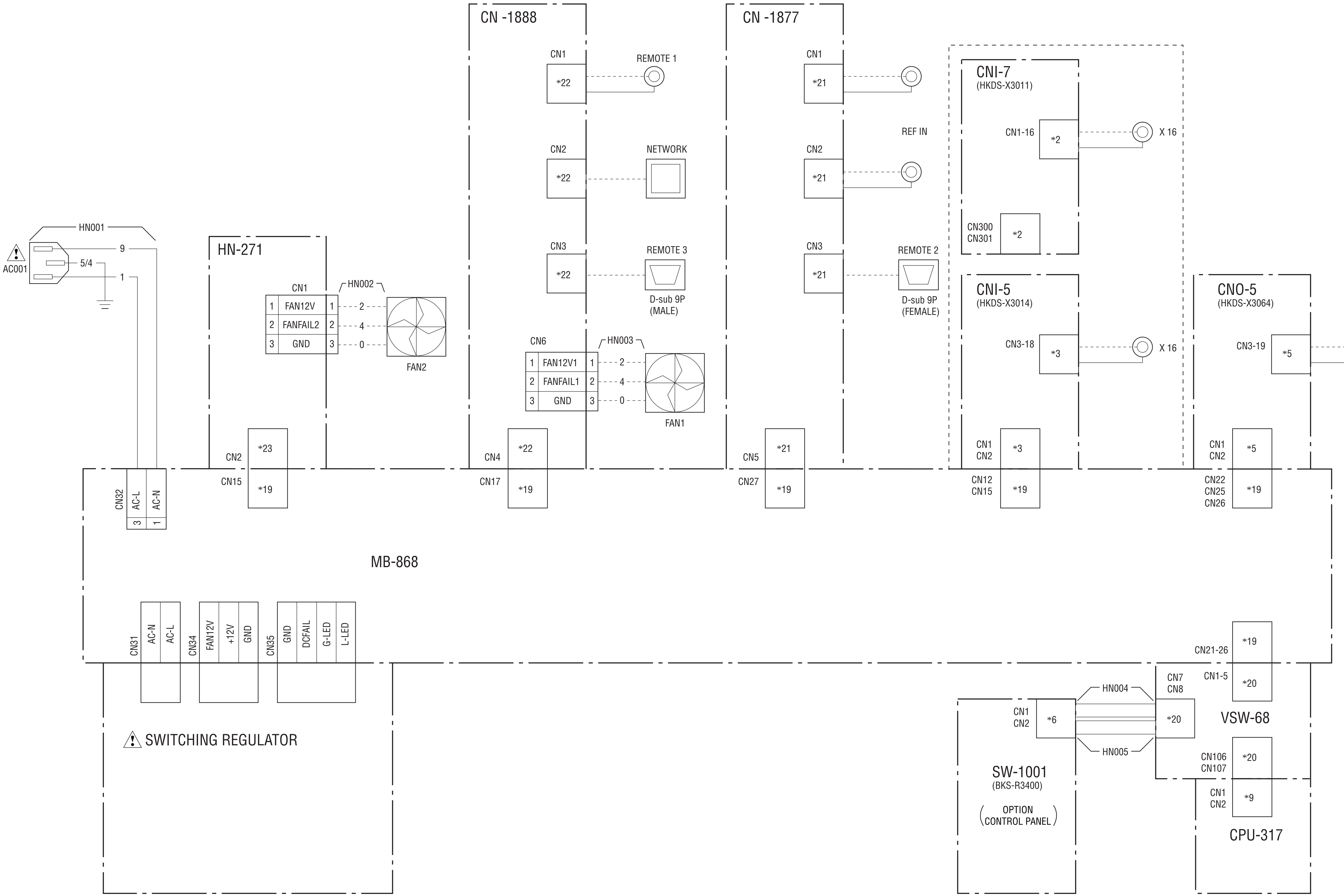
CN2 (57/96)	15A	NC
CN2 (58/96)	15B	NC
CN2 (59/96)	15C	NC
CN2 (60/96)	15D	NC
CN2 (61/96)	16A	NC
CN2 (65/96)	17A	NC
CN2 (73/96)	19A	NC
CN2 (74/96)	19B	NC
CN2 (75/96)	19C	GND
CN2 (76/96)	19D	GND
CN2 (77/96)	20A	NC
CN2 (78/96)	20B	NC
CN2 (79/96)	20C	NC
CN2 (80/96)	20D	NC
CN2 (81/96)	21A	NC
CN2 (82/96)	21B	NC
CN2 (83/96)	21C	NC
CN2 (84/96)	21D	NC
CN2 (85/96)	22A	NC
CN2 (86/96)	22B	NC
CN2 (87/96)	22C	NC
CN2 (88/96)	22D	NC
CN2 (89/96)	23A	NC
CN2 (90/96)	23B	NC
CN2 (91/96)	23C	NC
CN2 (92/96)	23D	NC
CN2 (93/96)	24A	NC
CN2 (94/96)	24B	NC
CN2 (95/96)	24C	NC
CN2 (96/96)	24D	NC

GND

VSW-68 (18/18)

BOARD NO. 1-676-354-11
LOT NO. 908-
HDS-X3400_VSW-68_003_18

HDS-X3400 Frame Wiring


CN -1888
CN1
*22
REMOTE 1
CN2
*22
NETWORK
CN3
*22
REMOTE 3
D-sub 9P
(MALE)
CN6
1 FAN12V1 1
2 FANFAIL1 2
3 GND 3
HN003
2
4
0
FAN1
CN4
*22
CN -1877
CN1
*21
REF IN
CN2
*21
CN3
*21
REMOTE 2
D-sub 9P
(FEMALE)
CN5
*21
CNI-7
(HKDS-X3011)
CN1-16
*2
X 16
CN300
CN301
*2
CNI-5
(HKDS-X3014)
CN3-18
*3
X 16
CN1
CN2
*3
CNO-5
(HKDS-X3064)
CN3-19
*5
X 17
CN1
CN2
*5
HN001
9
5/4
1
AC001
HN-271
CN1
1 FAN12V 1
2 FANFAIL2 2
3 GND 3
HN002
2
4
0
FAN2
CN2
*23
CN32
AC-L
AC-N
3
1
CN15
*19
CN17
*19
CN27
*19
CN12
CN15
*19
CN22
CN25
CN26
*19
MB-868
CN31
AC-N
AC-L
CN34
FAN12V
+12V
GND
CN35
GND
DCFAIL
G-LED
L-LED
SWITCHING REGULATOR
CN21-26
*19
CN1-5
*20
CN7
CN8
*20
HN004
HN005
CN1
CN2
*6
SW-1001
(BKS-R3400)
(OPTION
CONTROL PANEL)
VSW-68
CN106
CN107
*20
CN1
CN2
*9
CPU-317

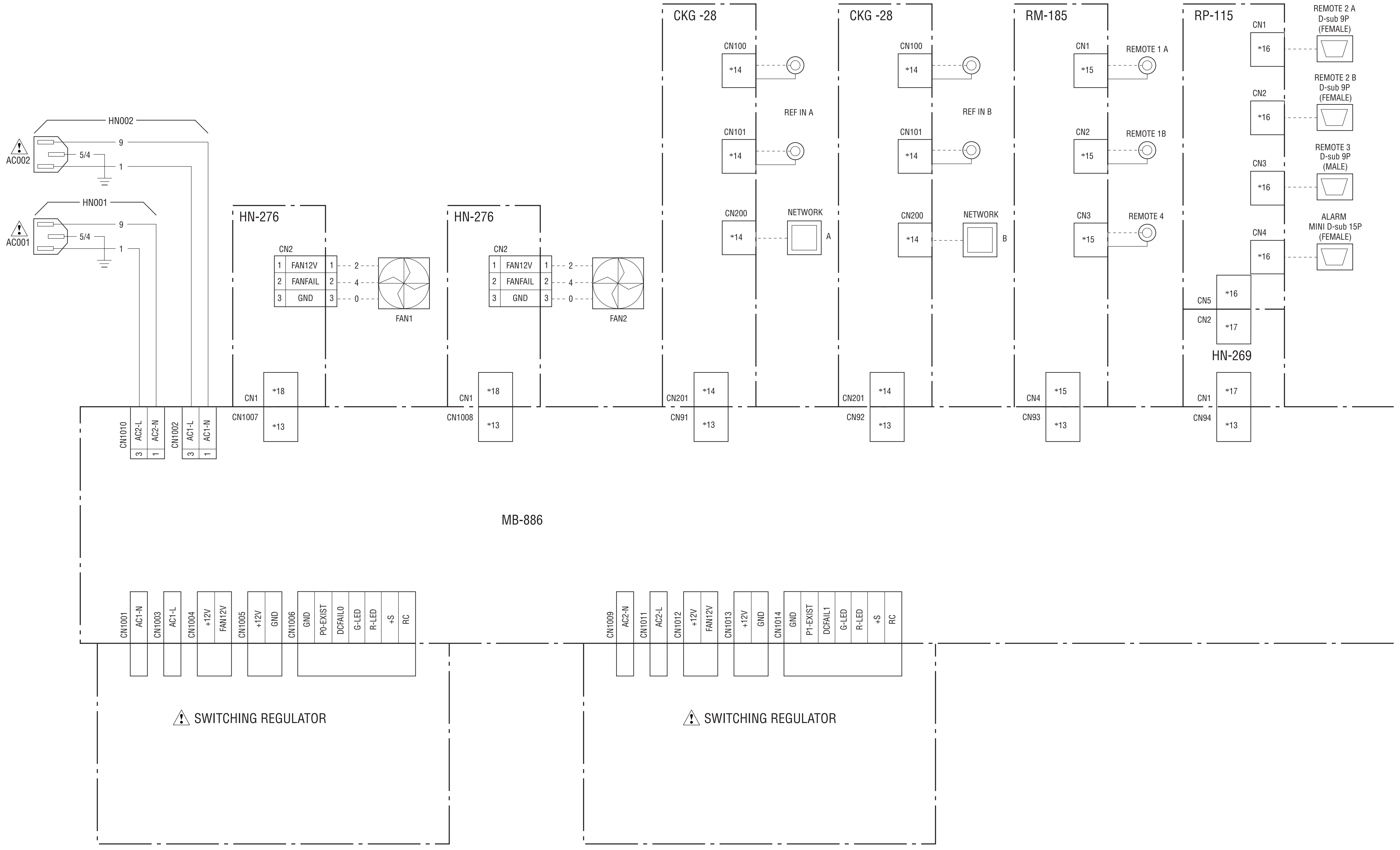
REFER TO
SCHEMATIC DIAGRAM
*2 CNI-7 BOARD
*3 CNI-5 BOARD
*5 CNO-5 BOARD
*6 SW-1001 BOARD
*9 CPU-317 BOARD
*19 MB-868 BOARD
*20 VSW-68 BOARD
*21 CN-1877 BOARD
*22 CN-1888 BOARD
*23 HN-271 BOARD

HDS-X3400 Frame Wiring

LOT NO. 908-

4-123

HDS-X3600 Frame Wiring


HN002
AC002
5/4
9
1
HN001
AC001
5/4
9
1
HN-276
CN2
1 FAN12V 1
2 FANFAIL 2
3 GND 3
2
4
0
FAN1
CN1
*18
CN1007
*13
HN-276
CN2
1 FAN12V 1
2 FANFAIL 2
3 GND 3
2
4
0
FAN2
CN1
*18
CN1008
*13
CKG -28
CN100
*14
REF IN A
CN101
*14
CN200
*14
NETWORK
A
CN201
*14
CN91
*13
CKG -28
CN100
*14
REF IN B
CN101
*14
CN200
*14
NETWORK
B
CN201
*14
CN92
*13
RM-185
CN1
*15
REMOTE 1 A
CN2
*15
REMOTE 1B
CN3
*15
REMOTE 4
CN4
*15
CN93
*13
RP-115
CN1
*16
REMOTE 2 A
D-sub 9P
(FEMALE)
CN2
*16
REMOTE 2 B
D-sub 9P
(FEMALE)
CN3
*16
REMOTE 3
D-sub 9P
(MALE)
CN4
*16
ALARM
MINI D-sub 15P
(FEMALE)
CN5
*16
CN2
*17
HN-269
CN1
*17
CN94
*13
CN1010
AC2-L
AC2-N
3
1
CN1002
AC1-L
AC1-N
3
1
MB-886
CN1001
AC1-N
CN1003
AC1-L
CN1004
+12V
FAN12V
CN1005
+12V
GND
CN1006
GND
PO-EXIST
DCFAIL0
G-LED
R-LED
+S
RC
SWITCHING REGULATOR
CN1009
AC2-N
CN1011
AC2-L
CN1012
+12V
FAN12V
CN1013
+12V
GND
CN1014
GND
P1-EXIST
DCFAIL1
G-LED
R-LED
+S
RC
SWITCHING REGULATOR
1
2
3
4
5
A
B
C
D
E
F
G
H

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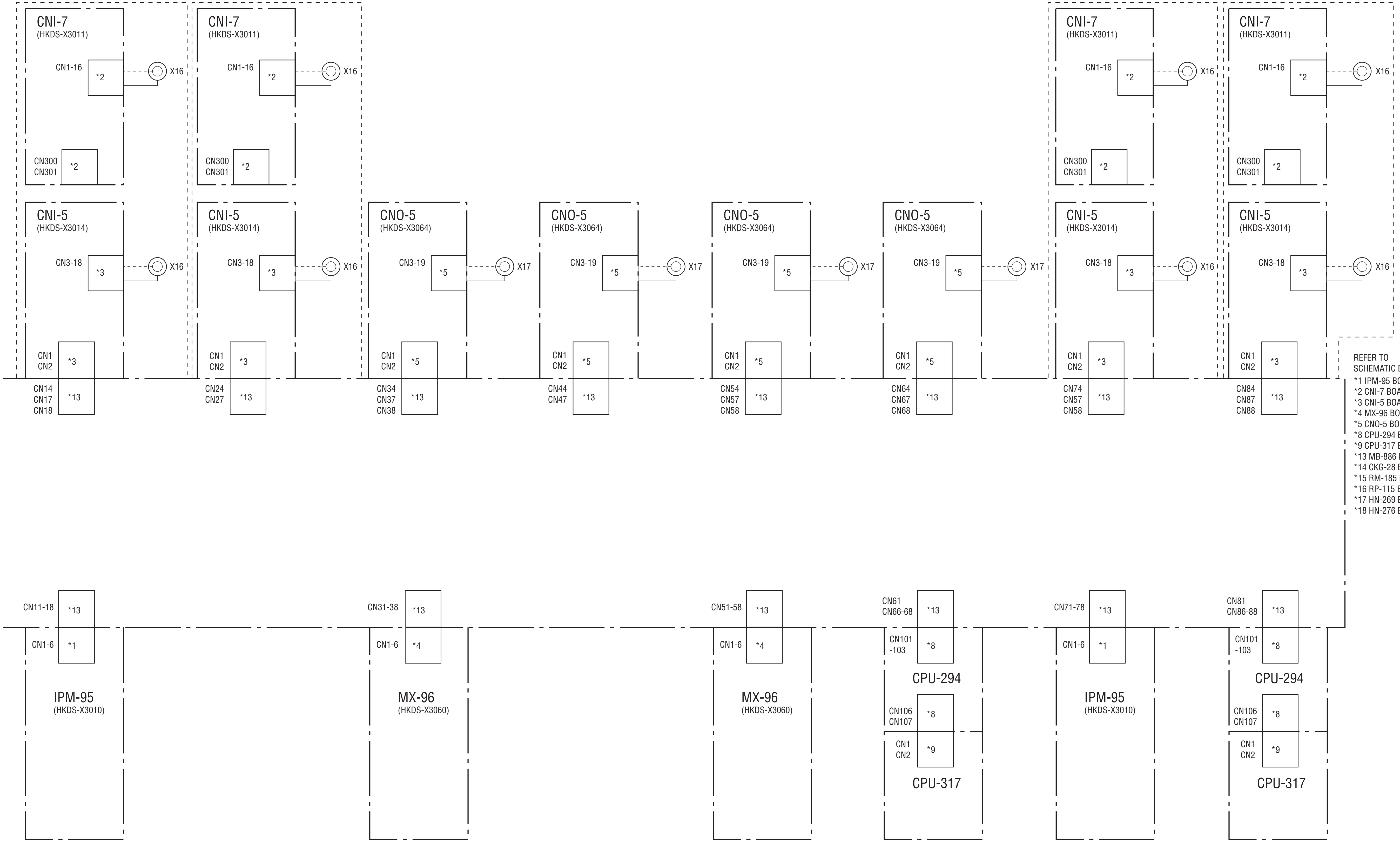
HDS-X3600 Frame Wiring


CNI-7
(HKDS-X3011)
CN1-16
*2
X16
CN300
CN301
*2
CNI-5
(HKDS-X3014)
CN3-18
*3
X16
CN1
CN2
*3
CN14
CN17
CN18
*13
CN24
CN27
*13
CNO-5
(HKDS-X3064)
CN3-19
*5
X17
CN1
CN2
*5
CN34
CN37
CN38
CN44
CN47
CN54
CN57
CN58
CN64
CN67
CN68
CN74
CN57
CN58
CN84
CN87
CN88
CN11-18
*13
CN1-6
*1
IPM-95
(HKDS-X3010)
CN31-38
*13
CN1-6
*4
MX-96
(HKDS-X3060)
CN51-58
*13
CN1-6
*4
MX-96
(HKDS-X3060)
CN61
CN66-68
*13
CN101
-103
*8
CPU-294
CN106
CN107
*8
CN1
CN2
*9
CPU-317
CN71-78
*13
CN1-6
*1
IPM-95
(HKDS-X3010)
CN81
CN86-88
*13
CN101
-103
*8
CPU-294
CN106
CN107
*8
CN1
CN2
*9
CPU-317

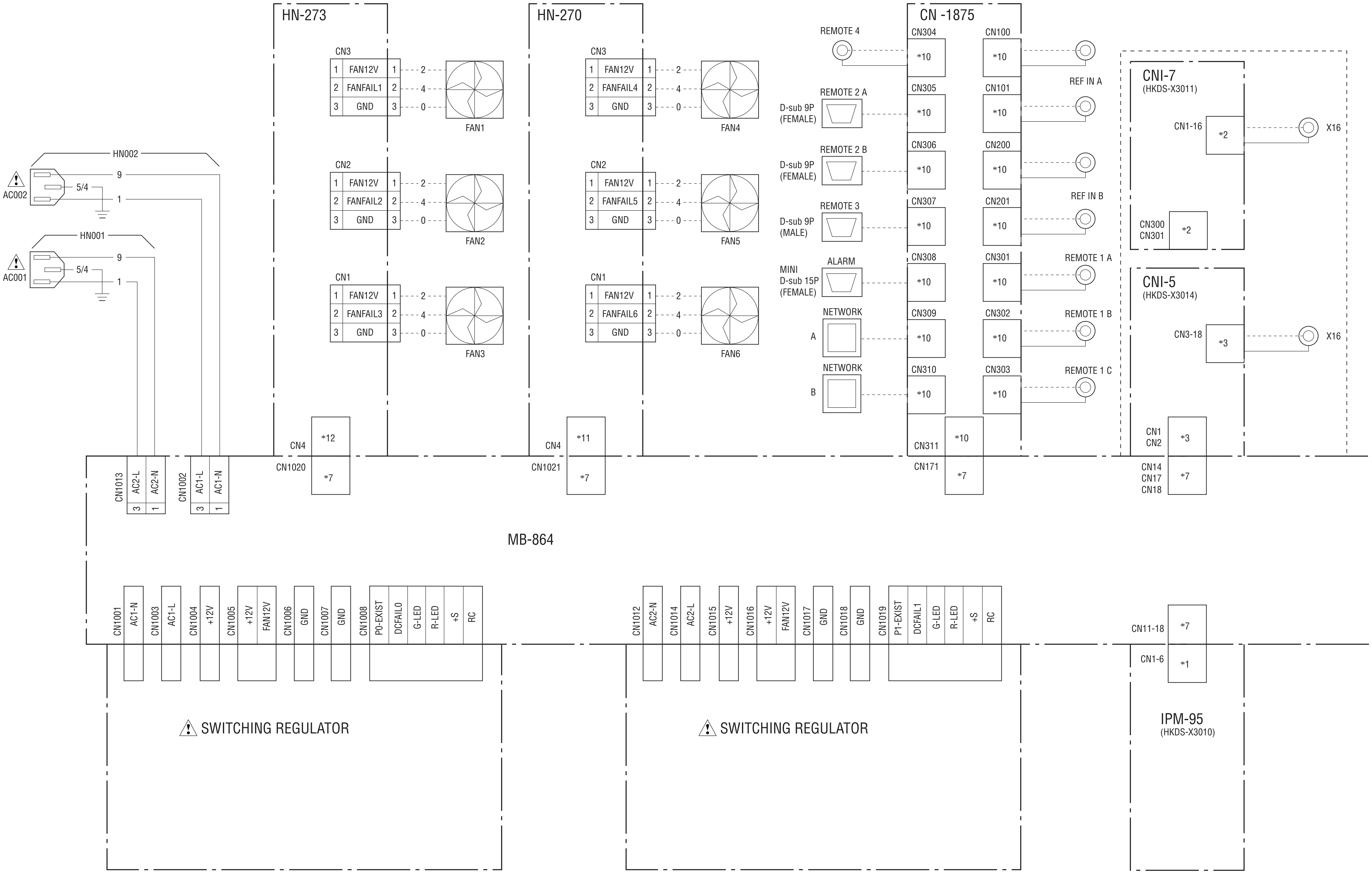
REFER TO
SCHEMATIC DIAGRAM
*1 IPM-95 BOARD
*2 CNI-7 BOARD
*3 CNI-5 BOARD
*4 MX-96 BOARD
*5 CNO-5 BOARD
*8 CPU-294 BOARD
*9 CPU-317 BOARD
*13 MB-886 BOARD
*14 CKG-28 BOARD
*15 RM-185 BOARD
*16 RP-115 BOARD
*17 HN-269 BOARD
*18 HN-276 BOARD

HDS-X3600 Frame Wiring

LOT NO. 908-

HDS-X3700 Frame Wiring (1/2)

HDS-X3700 Frame Wiring (1/2)


1
2
3
4
5
HN-273
CN3
1 FAN12V 1 2
2 FANFAIL1 2 4
3 GND 3 0
FAN1
CN2
1 FAN12V 1 2
2 FANFAIL2 2 4
3 GND 3 0
FAN2
CN1
1 FAN12V 1 2
2 FANFAIL3 2 4
3 GND 3 0
FAN3
CN4
*12
HN-270
CN3
1 FAN12V 1 2
2 FANFAIL4 2 4
3 GND 3 0
FAN4
CN2
1 FAN12V 1 2
2 FANFAIL5 2 4
3 GND 3 0
FAN5
CN1
1 FAN12V 1 2
2 FANFAIL6 2 4
3 GND 3 0
FAN6
CN4
*11
CN -1875
REMOTE 4
CN304 *10
CN100 *10
REMOTE 2 A
D-sub 9P (FEMALE)
CN305 *10
CN101 *10
REF IN A
REMOTE 2 B
D-sub 9P (FEMALE)
CN306 *10
CN200 *10
REMOTE 3
D-sub 9P (MALE)
CN307 *10
CN201 *10
REF IN B
ALARM
MINI D-sub 15P (FEMALE)
CN308 *10
CN301 *10
REMOTE 1 A
NETWORK
A
CN309 *10
CN302 *10
REMOTE 1 B
NETWORK
B
CN310 *10
CN303 *10
REMOTE 1 C
CN311 *10
CNI-7
(HKDS-X3011)
CN1-16 *2
X16
CN300
CN301 *2
CNI-5
(HKDS-X3014)
CN3-18 *3
X16
CN1
CN2 *3
HN002
AC002
9
5/4
1
HN001
AC001
9
5/4
1
CN1013 AC2-L AC2-N 3 1
CN1002 AC1-L AC1-N 3 1
CN1020 *7
CN1021 *7
CN171 *7
CN14
CN17
CN18 *7
MB-864
CN1001 AC1-N
CN1003 AC1-L
CN1004 +12V
CN1005 +12V FAN12V
CN1006 GND
CN1007 GND
CN1008 P0-EXIST DCFAIL0 G-LED R-LED +S RC
CN1012 AC2-N
CN1014 AC2-L
CN1015 +12V
CN1016 +12V FAN12V
CN1017 GND
CN1018 GND
CN1019 P1-EXIST DCFAIL1 G-LED R-LED +S RC
CN11-18 *7
CN1-6 *1
SWITCHING REGULATOR
SWITCHING REGULATOR
IPM-95
(HKDS-X3010)
A
B
C
D
E
F
G
H

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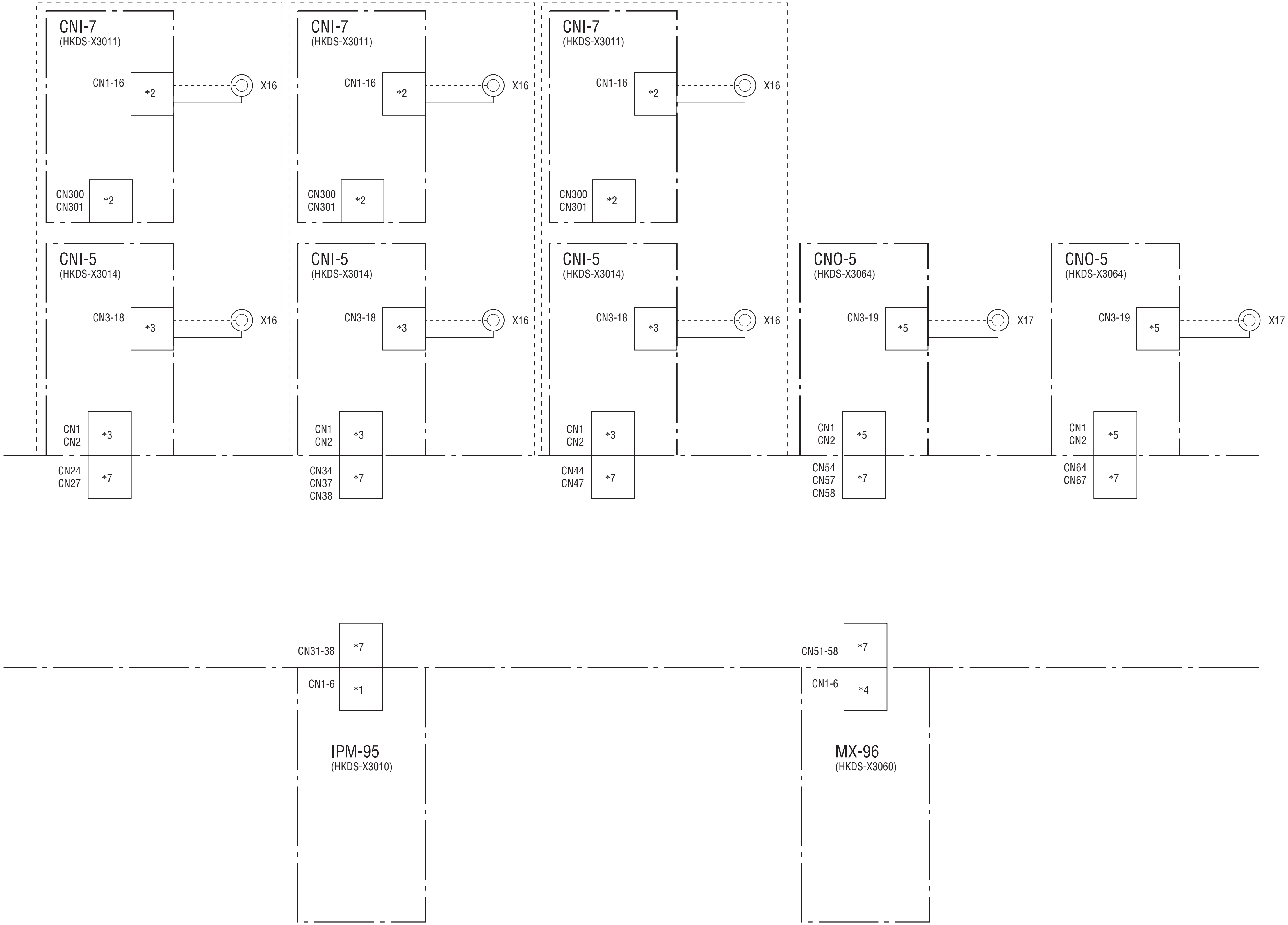
http://getMANUAL.com

HDS-X3700 Frame Wiring (1/2)

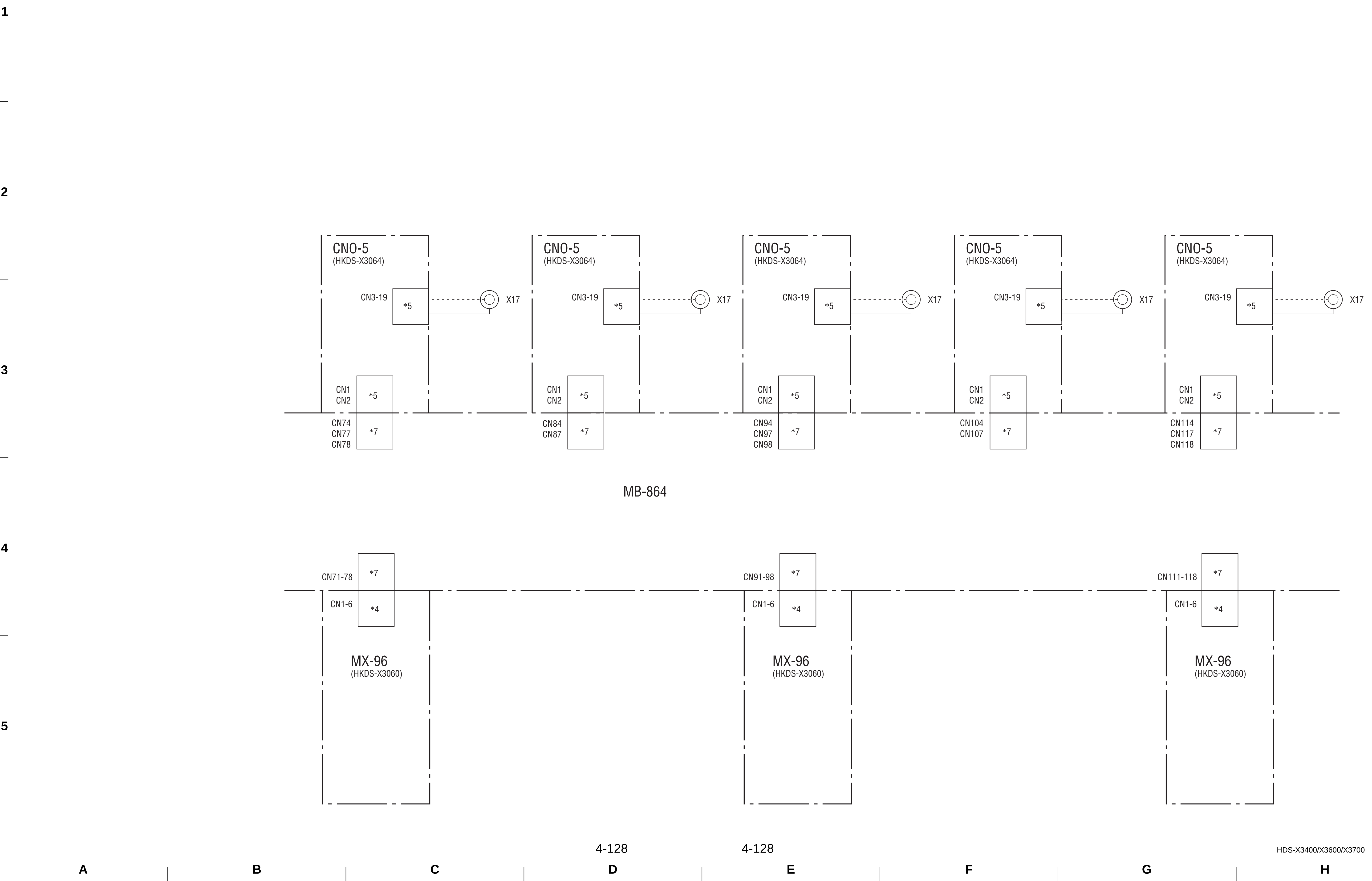

CNI-7
(HKDS-X3011)
CN1-16
*2
X16
CN300
CN301
*2
CNI-5
(HKDS-X3014)
CN3-18
*3
X16
CN1
CN2
*3
CN24
CN27
*7
CNI-7
(HKDS-X3011)
CN1-16
*2
X16
CN300
CN301
*2
CNI-5
(HKDS-X3014)
CN3-18
*3
X16
CN1
CN2
*3
CN34
CN37
CN38
*7
CNI-7
(HKDS-X3011)
CN1-16
*2
X16
CN300
CN301
*2
CNI-5
(HKDS-X3014)
CN3-18
*3
X16
CN1
CN2
*3
CN44
CN47
*7
CNO-5
(HKDS-X3064)
CN3-19
*5
X17
CN1
CN2
*5
CN54
CN57
CN58
*7
CNO-5
(HKDS-X3064)
CN3-19
*5
X17
CN1
CN2
*5
CN64
CN67
*7
CN31-38
*7
CN1-6
*1
IPM-95
(HKDS-X3010)
CN51-58
*7
CN1-6
*4
MX-96
(HKDS-X3060)

REFER TO
SCHEMATIC DIAGRAM
*1 IPM-95 BOARD
*2 CNI-7 BOARD
*3 CNI-5 BOARD
*4 MX-96 BOARD
*5 CNO-5 BOARD
*7 MB-864 BOARD
*10 CN-1875 BOARD
*11 HN-270 BOARD
*12 HN-273 BOARD

HDS-X3700 Frame Wiring (1/2)

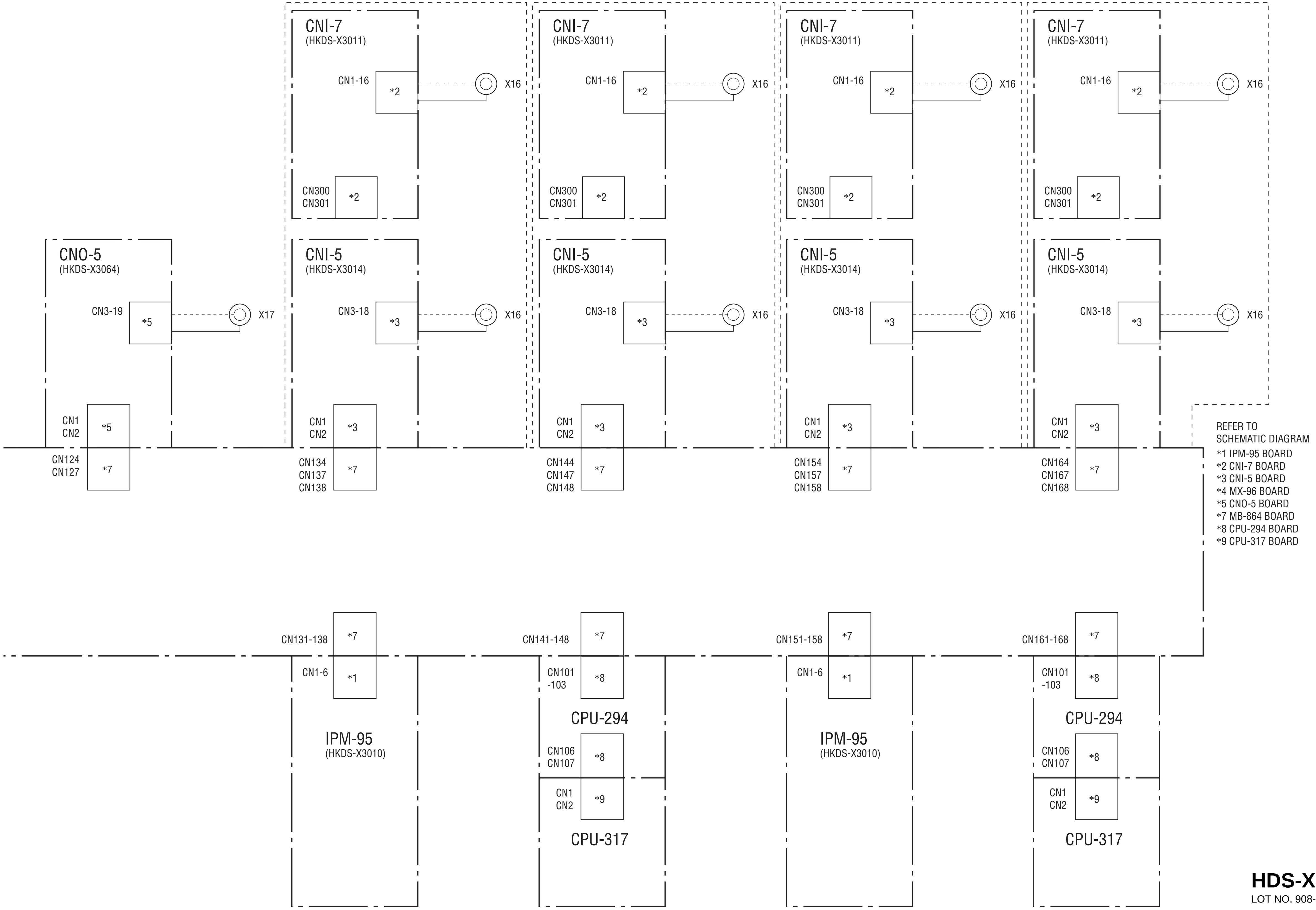
LOT NO. 908-

HDS-X3700 Frame Wiring (2/2)


1
2
3
4
5
A
B
C
D
E
F
G
H
CNO-5
(HKDS-X3064)
CN3-19
*5
X17
CN1
CN2
*5
CN74
CN77
CN78
*7
CN84
CN87
CN94
CN97
CN98
CN104
CN107
CN114
CN117
CN118
MB-864
CN71-78
*7
CN1-6
*4
CN91-98
CN111-118
MX-96
(HKDS-X3060)

4-128

HDS-X3700 Frame Wiring (2/2)


CNI-7
(HKDS-X3011)
CN1-16
*2
X16
CN300
CN301
*2
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(HKDS-X3011)
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*2
X16
CN300
CN301
*2
CNI-7
(HKDS-X3011)
CN1-16
*2
X16
CN300
CN301
*2
CNI-7
(HKDS-X3011)
CN1-16
*2
X16
CN300
CN301
*2
CNO-5
(HKDS-X3064)
CN3-19
*5
X17
CN1
CN2
*5
CN124
CN127
*7
CNI-5
(HKDS-X3014)
CN3-18
*3
X16
CN1
CN2
*3
CN134
CN137
CN138
*7
CNI-5
(HKDS-X3014)
CN3-18
*3
X16
CN1
CN2
*3
CN144
CN147
CN148
*7
CNI-5
(HKDS-X3014)
CN3-18
*3
X16
CN1
CN2
*3
CN154
CN157
CN158
*7
CNI-5
(HKDS-X3014)
CN3-18
*3
X16
CN1
CN2
*3
CN164
CN167
CN168
*7
CN131-138
*7
CN1-6
*1
IPM-95
(HKDS-X3010)
CN141-148
*7
CN101
-103
*8
CPU-294
CN106
CN107
*8
CN1
CN2
*9
CPU-317
CN151-158
*7
CN1-6
*1
IPM-95
(HKDS-X3010)
CN161-168
*7
CN101
-103
*8
CPU-294
CN106
CN107
*8
CN1
CN2
*9
CPU-317

REFER TO
SCHEMATIC DIAGRAM
*1 IPM-95 BOARD
*2 CNI-7 BOARD
*3 CNI-5 BOARD
*4 MX-96 BOARD
*5 CNO-5 BOARD
*7 MB-864 BOARD
*8 CPU-294 BOARD
*9 CPU-317 BOARD

HDS-X3700 Frame Wiring (2/2)

LOT NO. 908-

Section 5
Board Layouts

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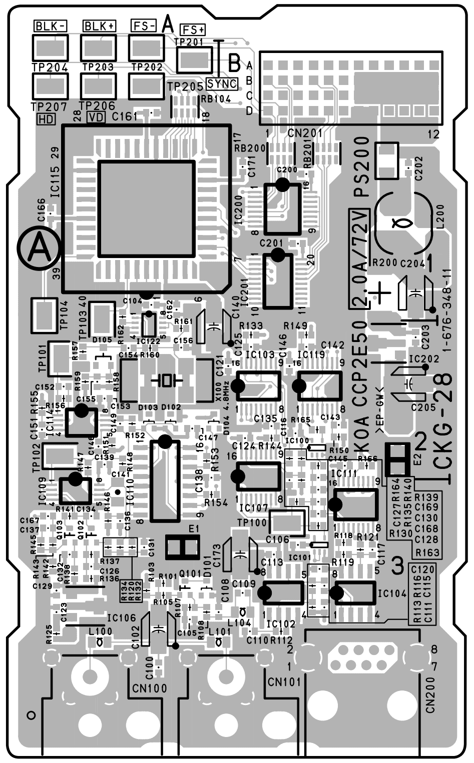
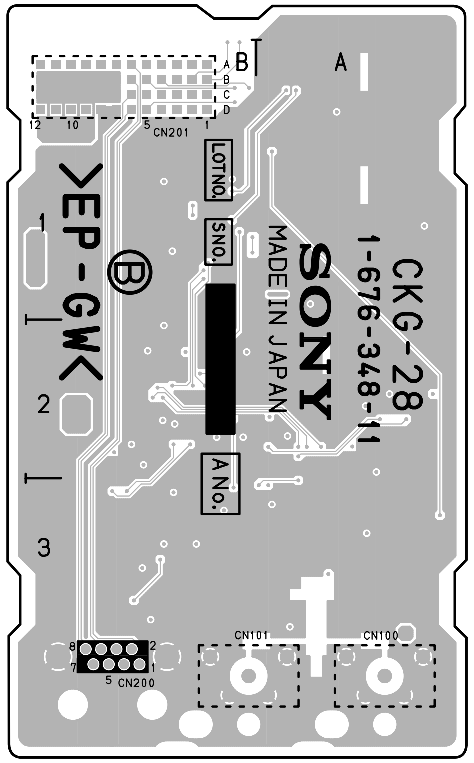


HDS-X3600 (SY) : S/N 10001 and Higher

CKG-28 -A SIDE-

SUFFIX: -11



CKG-28 -B SIDE-

SUFFIX: -11

CKG-28 (1-676-348-11)

C100	A3
C102	A3
C104	A1
C105	A3
C106	B3
C108	A3
C109	B3
C110	B3
C111	B3
C113	B3
C115	B3
C116	B2
C117	B3
C120	B3
C121	B2
C123	A3
C124	B2
C125	B2
C126	A3
C127	B3
C128	B3
C129	A3
C130	B3
C131	A3
C132	A3
C134	A3
C135	B2
C136	A3
C137	A3
C138	A2
C139	A2
C140	A2
C141	A3
C142	B2
C143	B2
C145	B2
C146	B2
C147	A2
C148	A2
C149	A2
C151	A2
C152	A2
C153	A2
C154	A2
C155	A2
C156	A2
C161	A1
C162	A1
C166	A1
C167	A3
C168	B3
C169	B2
C171	B1
C173	B3
C200	B1
C201	B1
C202	B1
C203	B2
C204	B1
C205	B2
CN100	A3
CN101	B3
CN200	B3
CN201	B1
D101	A3
D102	A2
D103	A2
D104	A2
D105	A2
E1	A3
E2	B2
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IC103	B2
IC104	B3
IC106	A3
IC107	B3
IC109	A3
IC110	A2
IC111	B3
IC114	A2
IC115	A1
IC119	B2
IC122	A2
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L200	B1
PS200	B1
Q101	A3
Q102	A3
Q103	A3
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R143	A3
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R146	A3
R147	A2
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R152	A2
R153	A2
R154	A3
R155	A2
R156	A2
R157	A2
R158	A2
R159	A2
R160	A2
R161	A2
R162	A1
R163	B3
R164	B2
R165	B2
R166	B2
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RB104	A1
RB200	B1
RB201	B1
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TP102	A2
TP103	A1
TP104	A1
TP201	A1
TP202	A1
TP203	A1
TP204	A1
TP205	A1
TP206	A1
TP207	A1
X100	A2

CN-1875 (1-676-344-11)

C100	A4
C102	A4
C104	B1
C105	A4
C106	B3
C108	A3
C109	A4
C110	B4
C111	A3
C113	B4
C115	B4
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C117	B3
C120	B3
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C124	C3
C125	B2
C126	A2
C127	C3
C128	B3
C129	A2
C130	B3
C131	A2
C132	A2
C134	A2
C135	B3
C136	A1
C137	A2
C138	B2
C139	A1
C140	C1
C141	A2
C142	B2
C143	B3
C145	B3
C146	B2
C147	A2
C148	A2
C149	A2
C151	B2
C152	B2
C153	B2
C154	B2
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C166	C1
C167	A2
C168	B3
C169	B3
C171	C2
C173	B4
C200	B4
C201	B4
C202	E1
C203	C4
C204	C3
C205	C3
C206	C4
C207	C4
C208	C3
C209	C4
C210	C4
C211	C3
C212	D3
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C214	C2
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C223	C2
C224	C2
C226	D2
C227	C3
C228	D1
C229	C2
C230	D2
C231	D1
C232	E1
C233	C2
C234	C2
C235	C3
C236	C3
C237	C2
C238	D2
C239	D2
C240	D2
C242	D2
C243	D2
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C245	E2
C246	E2
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C252	F2
C253	E2
C257	E1
C258	C2
C259	C3
C260	C3
C262	C4
C300	G1
C301	G2
C302	L3
C303	L1
C304	L3
C305	L2
C306	L3
C307	L2
C308	L3
C309	L3
C310	K3
C311	K4
C312	K3
C313	K3
C314	K3
C315	L2
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CN301	C4
CN302	D4
CN303	E4
CN304	E4
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CN307	K4
CN308	L4
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D104	A2
D105	B2
D200	C3
D201	D2
D202	D2
D203	D2
D204	E2
E1	B3
E2	E3
E3	K3
FB301	L4
FB302	L4
FB303	M4
FB304	M4
IC100	B3
IC101	B3
IC102	B3
IC103	B3
IC104	B3
IC106	A2
IC107	C3
IC109	A2
IC110	A2
IC111	B3
IC114	A2
IC115	C2
IC119	B3
IC122	B1
IC200	C3
IC201	C3
IC202	C3
IC203	C3
IC206	C3
IC207	D2
IC210	D2
IC212	D2
IC217	C3
IC219	D2
IC221	E2
IC223	C3
IC224	E1
IC300	G2
IC301	G2
IC302	K4
IC303	L2
L100	A4
L101	A4
L104	A4
L200	B4
L201	C4
L202	C4
L300	L3
L301	L1
PS300	L1
Q101	A3
Q102	A2
Q103	A2
Q200	C3
Q201	D2
Q202	C2
R101	A4
R103	A4
R105	A3
R107	A3
R108	A3
R112	B4
R113	A3
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R118	B3
R119	B3
R120	A2
R121	B3
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R161	B1
R162	B1
R163	B3
R164	C3
R165	B3
R166	B3
R200	B4
R201	B4
R202	B3
R203	C3
R204	C3
R205	C4
R206	C3
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R208	C3
R209	C3
R210	C2
R211	C3
R212	D2
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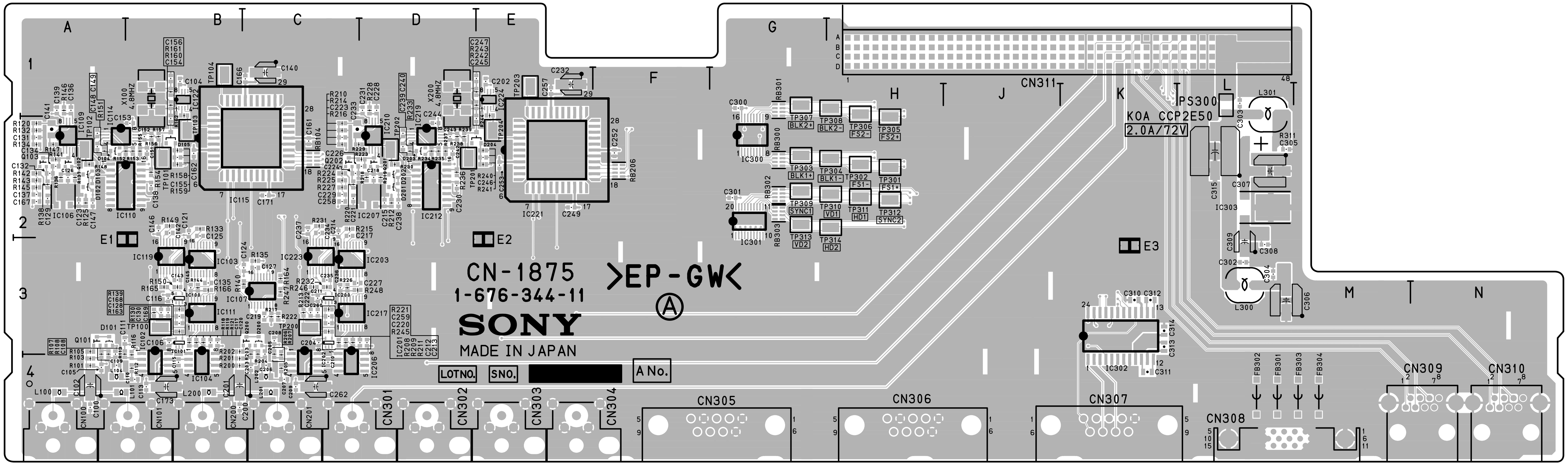
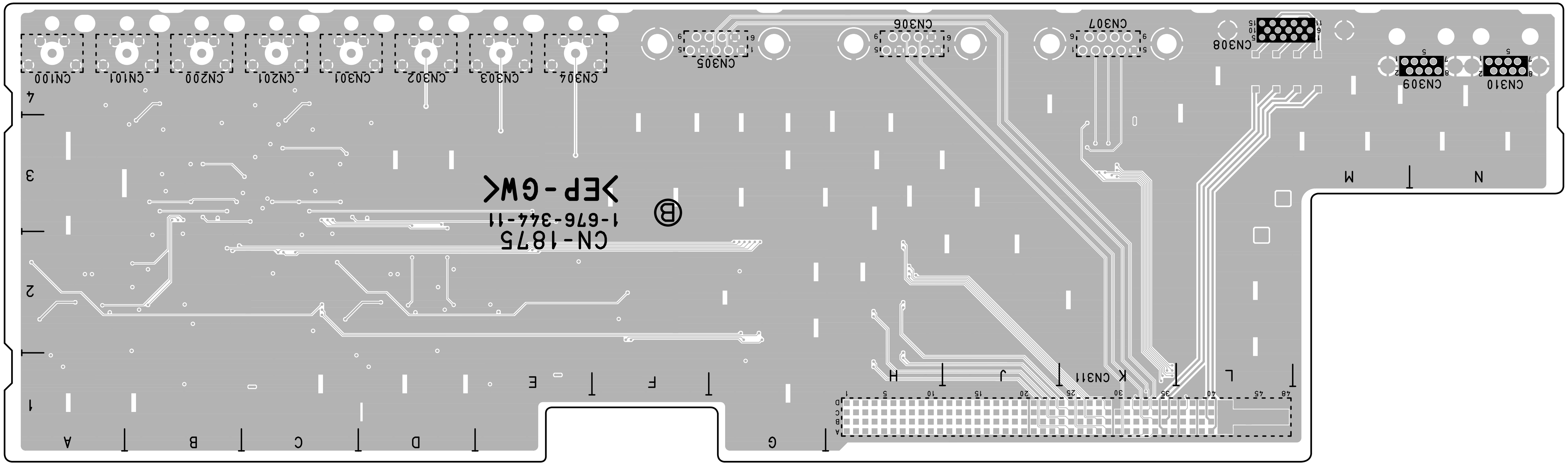
R234	D2
R235	D2
R236	D2
R237	D2
R238	D2
R239	D2
R240	E2
R241	E2
R242	E1
R243	E1
R244	E1
R245	C3
R246	C3
R247	C3
R248	C3
R311	L2
RB104	C2
RB206	F2
RB300	G2
RB301	G1
RB302	G2
RB303	G2
TP100	B3
TP101	B2
TP102	A2
TP103	B2
TP104	B1
TP200	C3
TP201	D2
TP202	D2
TP203	E1
TP204	E2
TP301	H2
TP302	H2
TP303	G2
TP304	H2
TP305	H2
TP306	H1
TP307	G1
TP308	H1
TP309	G2
TP310	H2
TP311	H2
TP312	H2
TP313	G2
TP314	H2
X100	B1
X200	D1



CN-1875
1-676-344-11
SONY
MADE IN JAPAN
>EP-GW<
Ⓐ
LOTNO.
SNO.
A No.
CN100
CN101
CN200
CN201
CN301
CN302
CN303
CN304
CN305
CN306
CN307
CN308
CN309
CN310
CN311
PS300
KOA CCP2E50
2.0A/72V
IC302
IC303
E1
E2
E3
A
B
C
D
E
F
G
H
J
K
L
M
N
1
2
3
4

HDS-X3700 (SY) : S/N 10001 and Higher

CN-1875 -A SIDE-
SUFFIX: -11



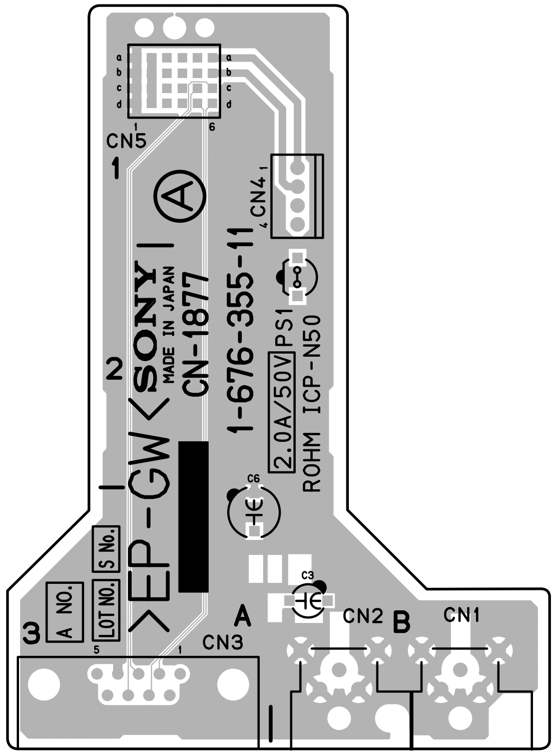
CN-1875
1-676-344-11
>EP-GW<
Ⓑ
CN100
CN101
CN200
CN201
CN301
CN302
CN303
CN304
CN305
CN306
CN307
CN308
CN309
CN310
CN311

CN-1875 -B SIDE-
SUFFIX: -11

CN-1877 (1-676-355-11)

*:B SIDE

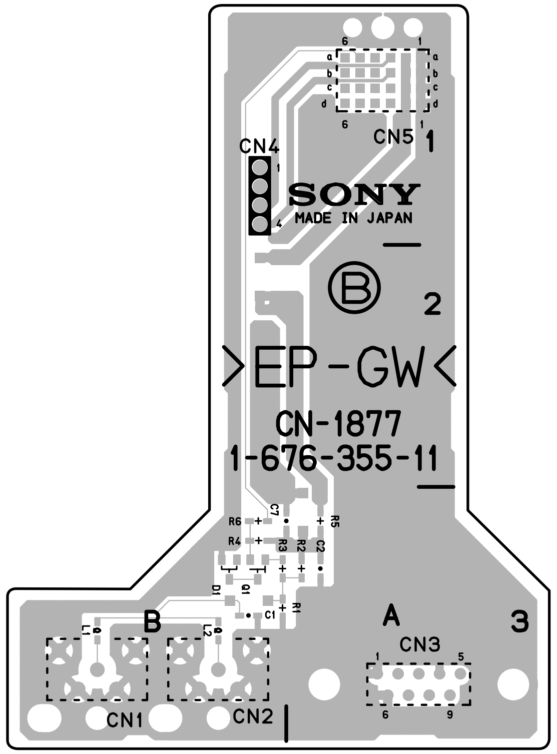
C1	*B3
C2	*A3
C3	B3
C6	A3
C7	*A3
CN1	B3
CN2	B3
CN3	A3
CN4	B1
CN5	A1
D1	*B3
L1	*B3
L2	*B3
PS1	B2
Q1	*B3
R1	*B3
R2	*A3
R3	*B3
R4	*B3
R5	*A3
R6	*B3


CN5
1
2
3
A
CN4
SONY
MADE IN JAPAN
CN-1877
1-676-355-11
PS1
2.0A/50V
ROHM ICP-N50
>EP-GW<
S No.
A NO.
LOT NO.
C6
C3
CN3
CN2
B
CN1

HDS-X3400 (SY) : S/N 10001 and Higher

CN-1877 -A SIDE-

SUFFIX: -11


CN4
CN5
1
SONY
MADE IN JAPAN
B
2
>EP-GW<
CN-1877
1-676-355-11
C7
R6
R4
R5
R3
R2
C2
D1
Q1
R1
C1
L1
L2
B
A
3
CN3
CN1
CN2

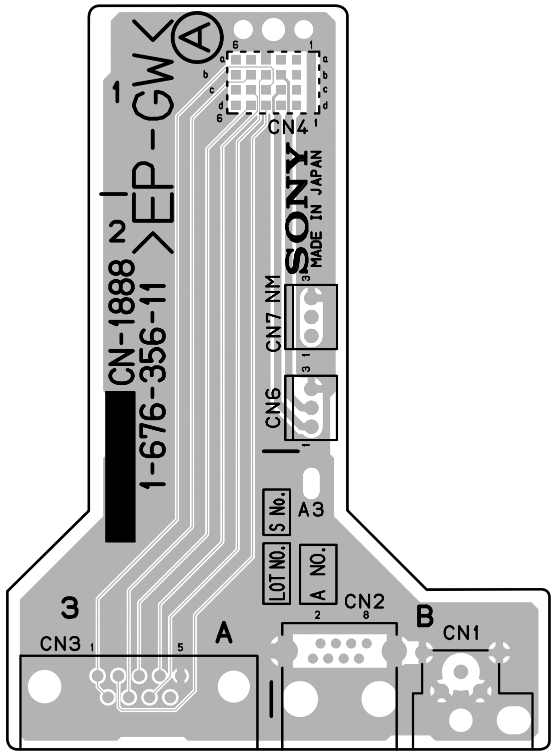
CN-1877 -B SIDE-

SUFFIX: -11

CN-1888 (1-676-356-11)

*:B SIDE

CN1	B3
CN2	B3
CN3	A3
CN4	*B1
CN6	B2


A
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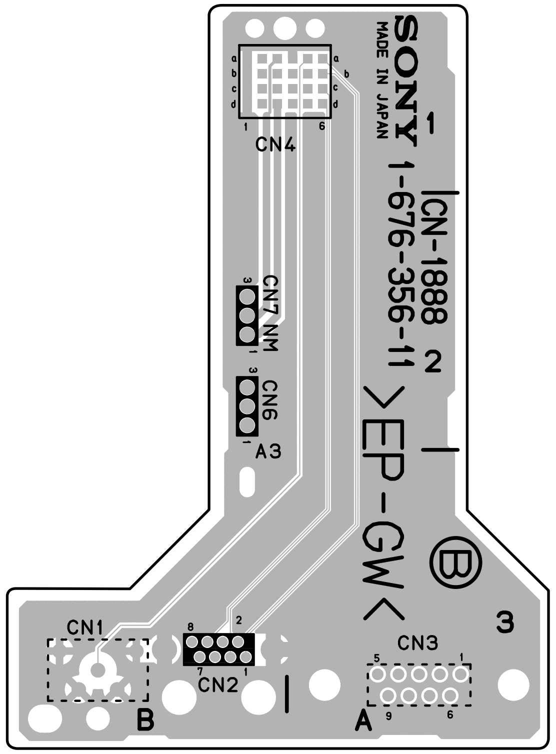
1
2
CN4
SONY
MADE IN JAPAN
CN-1888
1-676-356-11
CN7 NM
CN6
A3
S No.
LOT NO.
A NO.
3
CN3
A
CN2
B
CN1

HDS-X3400 (SY) : S/N 10001 and Higher

CN-1888 -A SIDE-

SUFFIX: -11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MADE IN JAPAN
CN4
1
CN-1888
1-676-356-11
2
CN7 NM
CN6
A3
>EP-GW<
B
3
CN1
CN2
CN3
B
A

CN-1888 -B SIDE-

SUFFIX: -11

CNI-5 (1-676-361-11)

C1	A3
C2	A3
C3	A3
C4	A3
C5	B3
C6	B3
C7	B3
C8	B3
C9	A3
C10	A3
C11	B3
C12	B3
C13	A3
C14	A3
C15	A3
C16	B3
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C18	A2
C19	A2
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C22	B3
C23	C3
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C25	C3
C26	C3
C27	D3
C28	D3
C29	B3
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C35	C3
C36	C3
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CN18	G3
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IC3	A3
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IC5	B3
IC6	C3
IC7	C3
IC8	C3
IC9	D3
IC10	D3
IC11	E3
IC12	E3
IC13	E3
IC14	F3
IC15	F3
IC16	G3
IC301	G1
L1	A3
L2	A3
L3	A3
L4	B3
L5	B3
L6	C3
L7	C3
L8	C3
L201	D3
L202	D3
L203	E3
L204	E3
L205	E3
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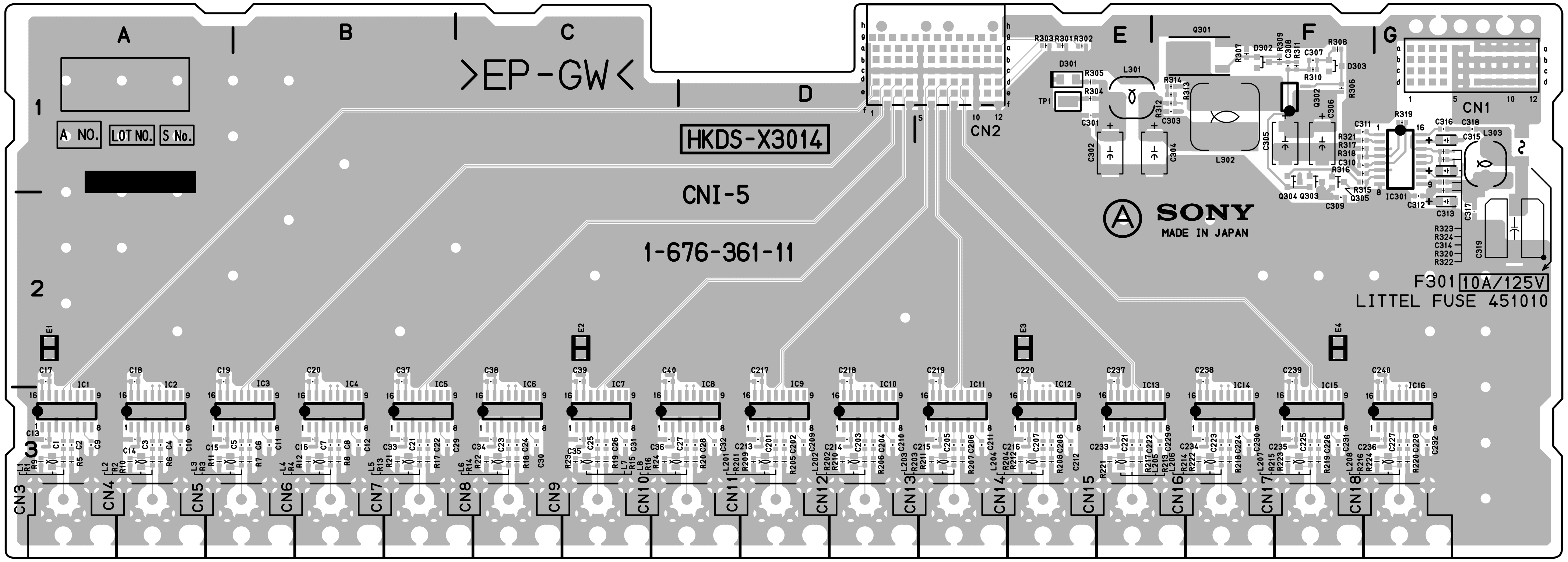
TP1	E1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HKDS-X3014
CNI-5
1-676-361-11
A NO.
LOT NO.
S No.
SONY
MADE IN JAPAN
F301 10A/125V
LITTEL FUSE 451010
CN1
CN2
CN3
CN4
CN5
CN6
CN7
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CN11
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CN16
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IC1
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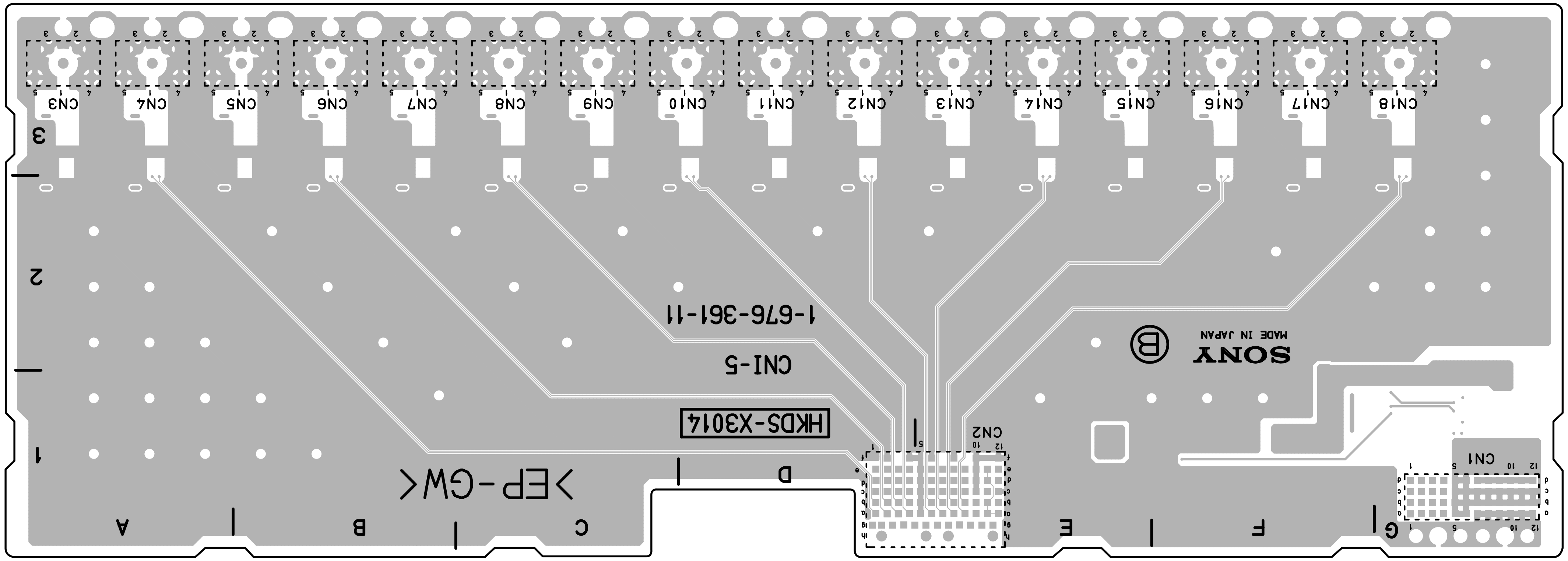
IC9
IC10
IC11
IC12
IC13
IC14
IC15
IC16
IC301
E1
E2
E3
E4

HKDS-X3014 (SY) : S/N 10001 and Higher

CNI-5 -A SIDE-
SUFFIX: -11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HKDS-X3014
CNI-5
1-676-361-11
SONY
MADE IN JAPAN
CN1
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CN18

CNI-5 -B SIDE-
SUFFIX: -11

CNI-7 (1-676-360-11)

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C101	A3	C245	G3	L6	C3	R223	E3
C102	A3	C246	G3	L7	C3	R224	E3
C103	A3	C247	G3	L8	C3	R225	F3
C104	A3	C300	E1	L9	D3	R226	F3
C105	A3	C301	E1	L10	D3	R227	F3
C106	A3	C302	F1	L11	E3	R228	F3
C107	A3	C303	F1	L12	E3	R229	F3
C108	A3	C304	F1	L13	E3	R230	F3
C109	A3	C305	F1	L14	F3	R231	F3
C110	A3	C306	F1	L15	F3	R232	F3
C111	A3	C307	F1	L16	G3	R233	F3
C112	B3	C308	F2	L301	F1	R234	F3
C113	B3	C309	G2	L302	F1	R235	F3
C114	A3	C310	G1	L303	G1	R236	G3
C115	A3	C311	G2			R237	G3
C116	B3	C312	G2	Q300	F1	R238	G3
C117	B3	C313	G2	Q301	F1	R239	G3
C118	B3	C314	G1	Q302	F2	R240	F3
C119	B3	C315	G1	Q303	F2	R241	F3
C120	B3	C316	G2	Q304	F2	R242	F3
C121	B3	C317	G1			R243	F3
C122	B3	C318	G2	R100	A3	R244	F3
C123	B3			R101	A3	R245	F3
C124	B3	CN1	A3	R102	A3	R246	G3
C125	B3	CN2	A3	R103	B3	R247	G3
C126	B3	CN3	B3	R104	A3	R300	E1
C127	B3	CN4	B3	R105	A3	R301	E1
C128	C3	CN5	B3	R106	A3	R302	E1
C129	C3	CN6	C3	R107	A3	R303	E1
C130	C3	CN7	C3	R108	A3	R304	E1
C131	C3	CN8	D3	R109	A3	R305	F1
C132	C3	CN9	D3	R110	B3	R306	F1
C133	C3	CN10	D3	R111	B3	R307	F1
C134	C3	CN11	E3	R112	B3	R308	F1
C135	C3	CN12	E3	R113	B3	R309	F1
C136	D3	CN13	F3	R114	B3	R310	F1
C137	D3	CN14	F3	R115	B3	R311	F1
C138	C3	CN15	F3	R116	A3	R312	F1
C139	C3	CN16	G3	R117	A3	R313	F1
C140	B3	CN300	E1	R118	A3	R314	G2
C141	C3	CN301	G1	R119	A3	R315	G2
C142	C3			R120	B3	R316	G1
C143	C3	D100	A3	R121	B3	R317	G1
C144	C3	D101	A3	R122	B3	R318	G1
C145	C3	D102	B3	R123	B3	R319	G2
C146	D3	D103	B3	R124	B3	R320	G1
C147	D3	D104	C3	R125	B3	R321	G2
C200	D3	D105	C3	R126	B3	R322	G1
C201	D3	D106	C3	R127	B3	R323	G1
C202	D3	D107	D3	R128	C3		
C203	D3	D200	D3	R129	C3	TP1	E1
C204	D3	D201	E3	R130	C3		
C205	D3	D202	E3	R131	C3		
C206	D3	D203	E3	R132	C3		
C207	D3	D204	F3	R133	C3		
C208	E3	D205	F3	R134	C3		
C209	E3	D206	F3	R135	C3		
C210	E3	D207	G3	R136	C3		
C211	E3	D301	E1	R137	D3		
C212	E3	D302	F1	R138	D3		
C213	E3	D303	F1	R139	D3		
C214	E3			R140	C3		
C215	E3	E1	A2	R141	C3		
C216	E3	E2	C2	R142	C3		
C217	E3	E3	E2	R143	C3		
C218	D3	E4	G2	R144	C3		
C219	D3			R145	C3		
C220	D3	F301	G1	R146	D3		
C221	E3			R147	D3		
C222	E3	IC100	A3	R200	D3		
C223	E3	IC101	A3	R201	D3		
C224	F3	IC102	A3	R202	D3		
C225	F3	IC103	B3	R203	D3		
C226	F3	IC104	B3	R204	D3		
C227	G3	IC105	C3	R205	D3		
C228	G3	IC106	C3	R206	D3		
C229	G3	IC107	C3	R207	D3		
C230	E3	IC200	D3	R208	E3		
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C233	F3	IC203	E3	R211	E3		
C234	F3	IC204	E3	R212	E3		
C235	E3	IC205	F3	R213	E3		
C236	F3	IC206	F3	R214	E3		
C237	F3	IC207	G3	R215	E3		
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C239	F3			R217	D3		
C240	F3	L1	A3	R218	E3		
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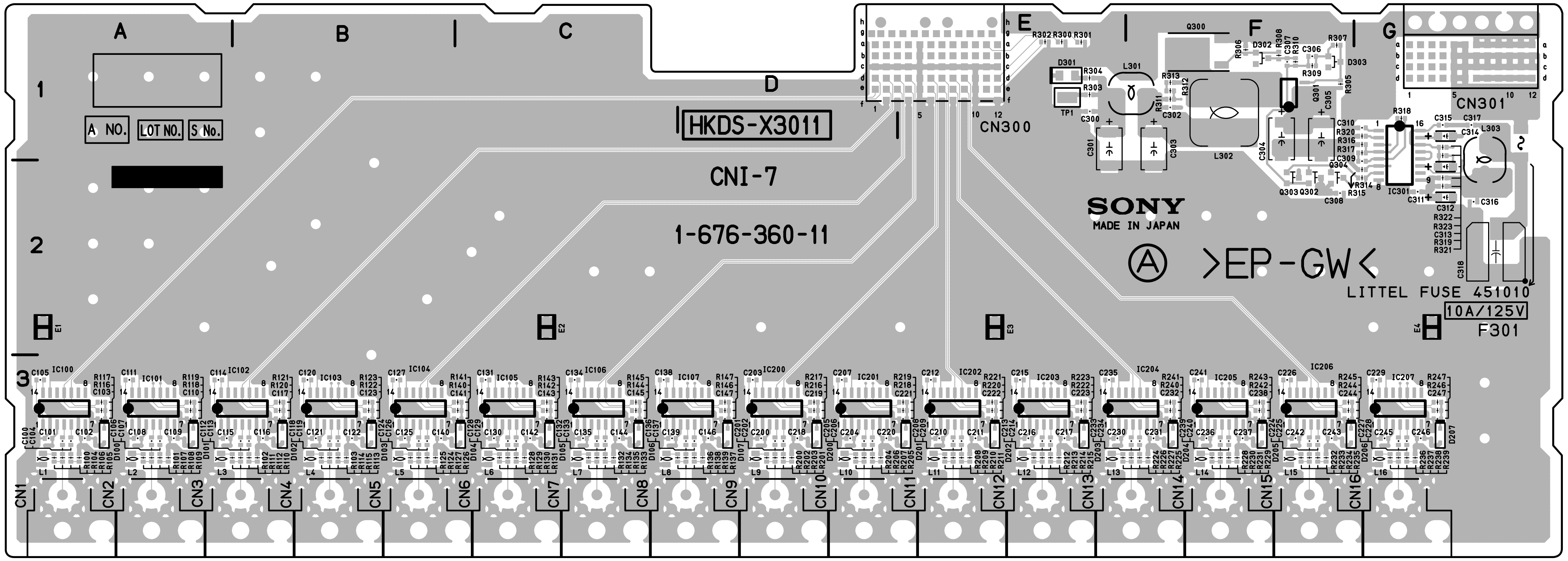
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HKDS-X3011
CNI-7
1-676-360-11
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LOT NO.
S No.
CN300
CN301
SONY
MADE IN JAPAN
Ⓐ >EP-GW<
LITTEL FUSE 451010
10A/125V
F301
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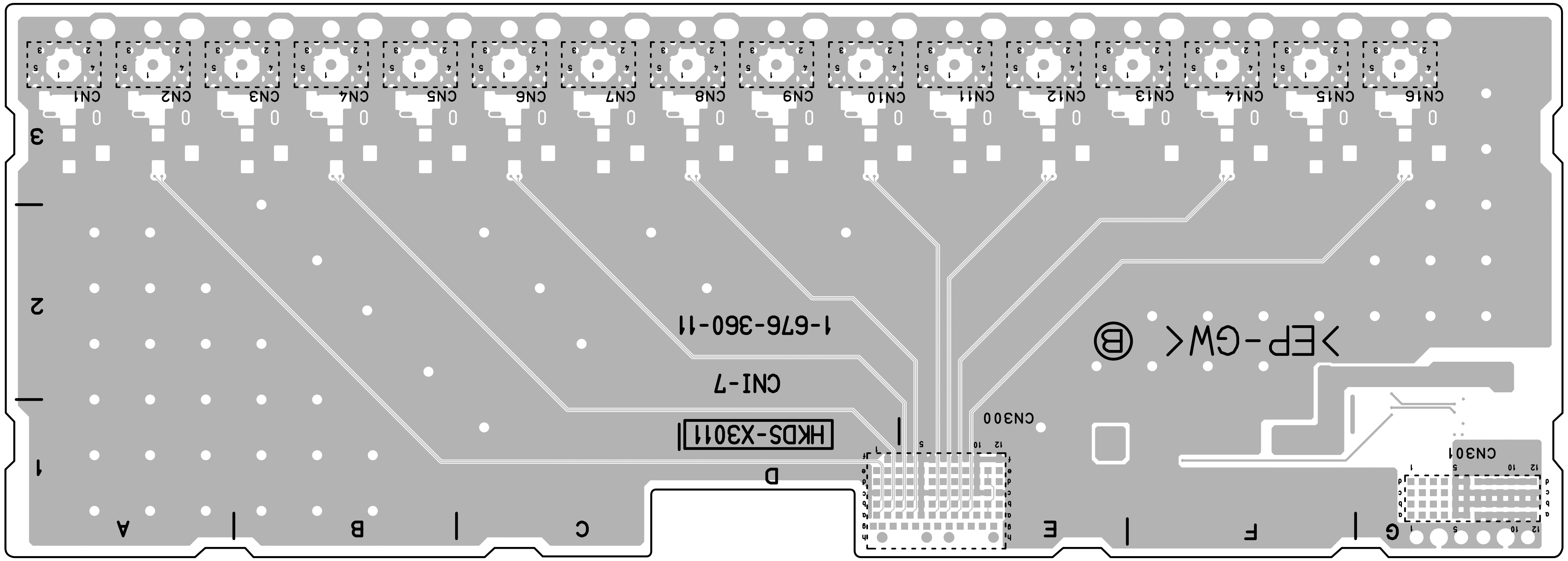
TP1

HKDS-X3011 (SY) : S/N 10001 and Higher

CNI-7 -A SIDE-
SUFFIX: -11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1-676-360-11
CNI-7
HKDS-X3011
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CNI-7 -B SIDE-
SUFFIX: -11

http://getMANUAL.com

CNO-5 (1-676-362-11)

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C6	A3
C7	A3
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CN4	A3
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CN7	B3
CN8	C3
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CN10	D3
CN11	D3
CN12	D3
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CN19	G3
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D302	F1
D303	G1
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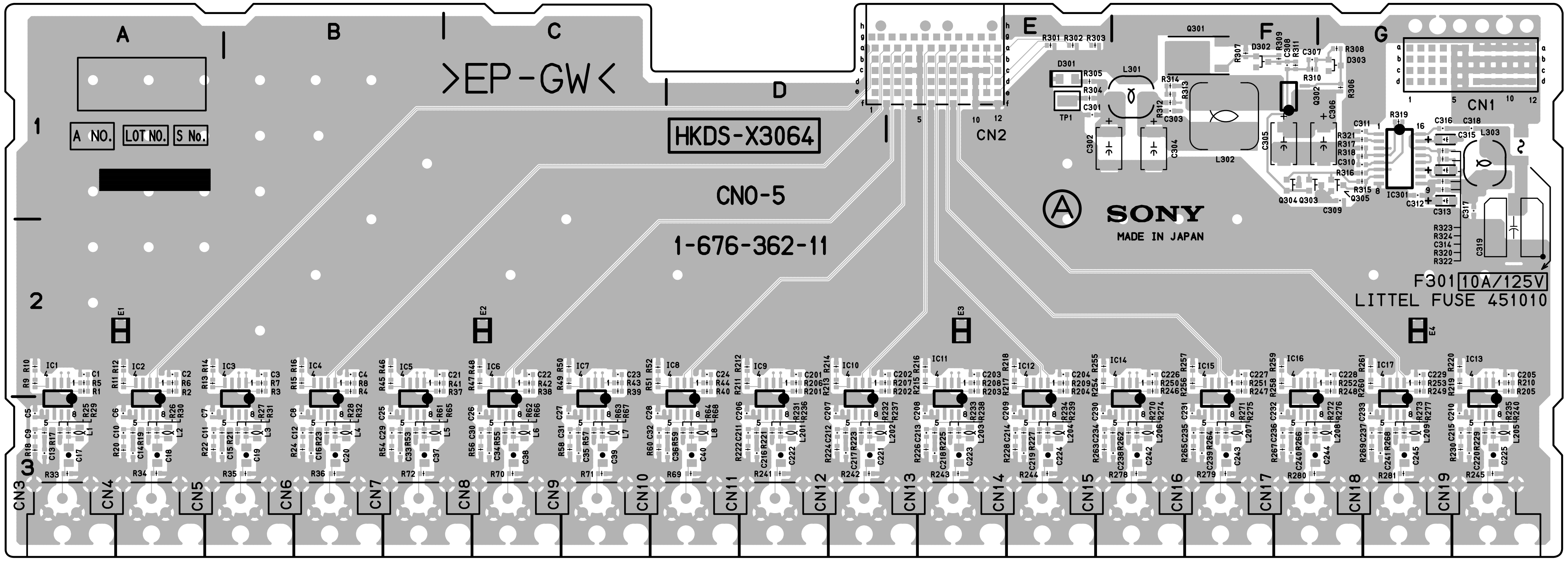
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HKDS-X3064
CNO-5
1-676-362-11
A NO.
LOT NO.
S No.
SONY
MADE IN JAPAN
F301 10A/125V
LITTEL FUSE 451010
CN1
CN2
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CN4
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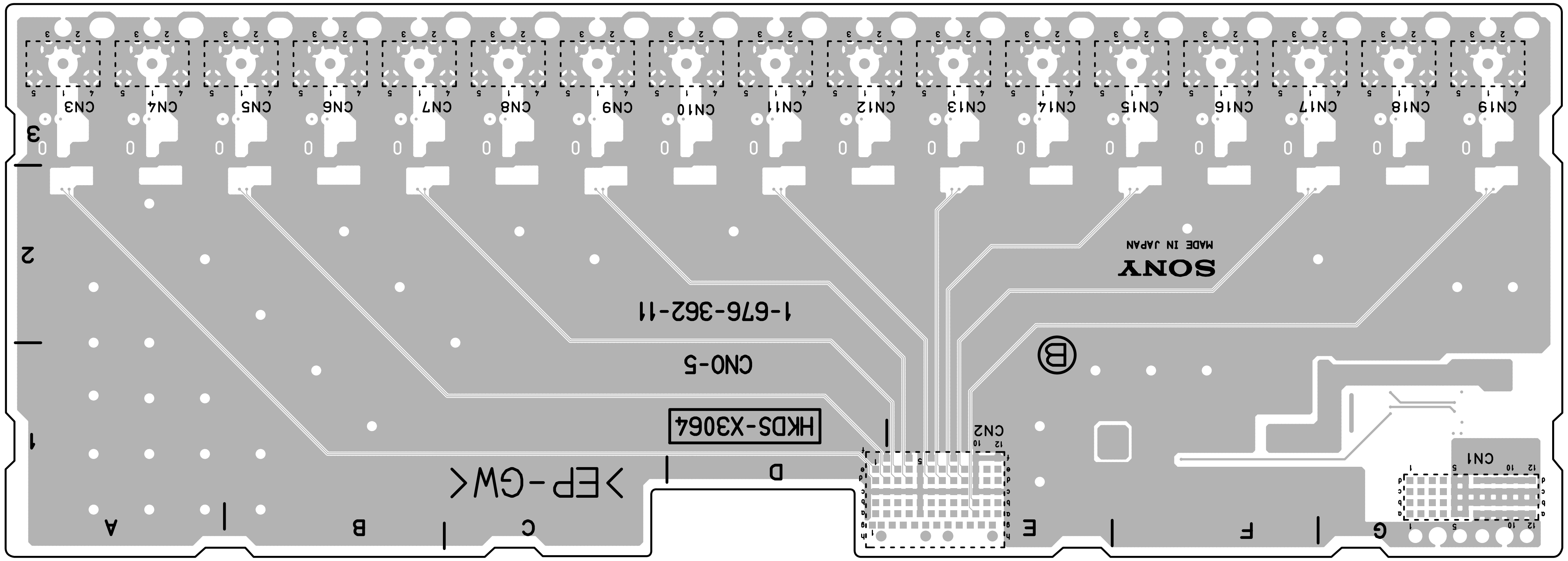
CN19

HKDS-X3064 (SY) : S/N 10001 and Higher

CNO-5 -A SIDE-
SUFFIX: -11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HKDS-X3064
CNO-5
1-676-362-11
SONY
MADE IN JAPAN
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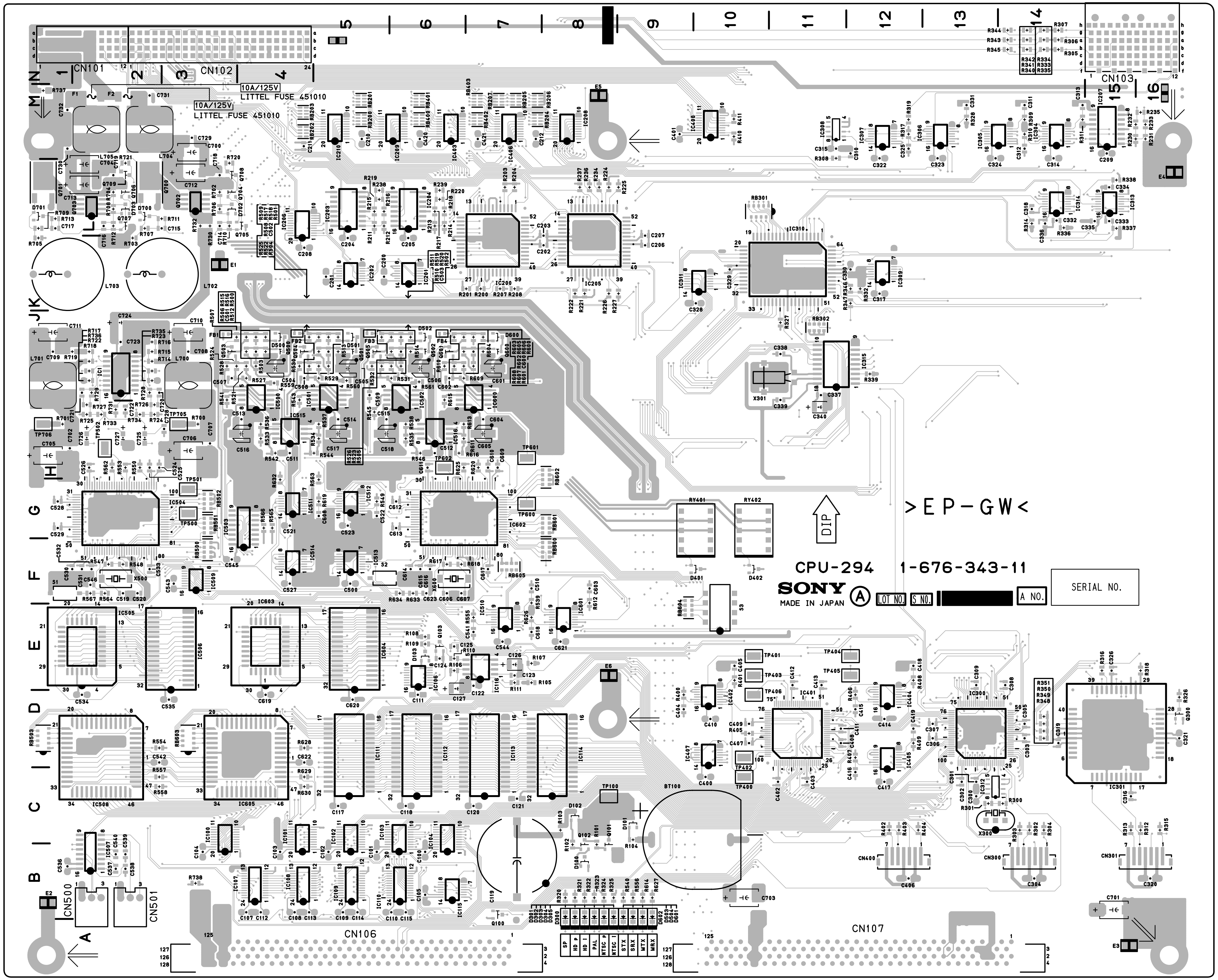
CN19

CNO-5 -B SIDE-
SUFFIX: -11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CN106
CN107
CN500
CN501
10A/125V
LITTEL FUSE 451010
10A/125V
LITTEL FUSE 451010
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DIP
RY401
RY402
CPU-294 1-676-343-11
SONY
MADE IN JAPAN
LOT NO.
S NO.
A NO.
SERIAL NO.
SP
HD P
HD N
PAL
NTSC 1
STX
SRX
MTX
MRX
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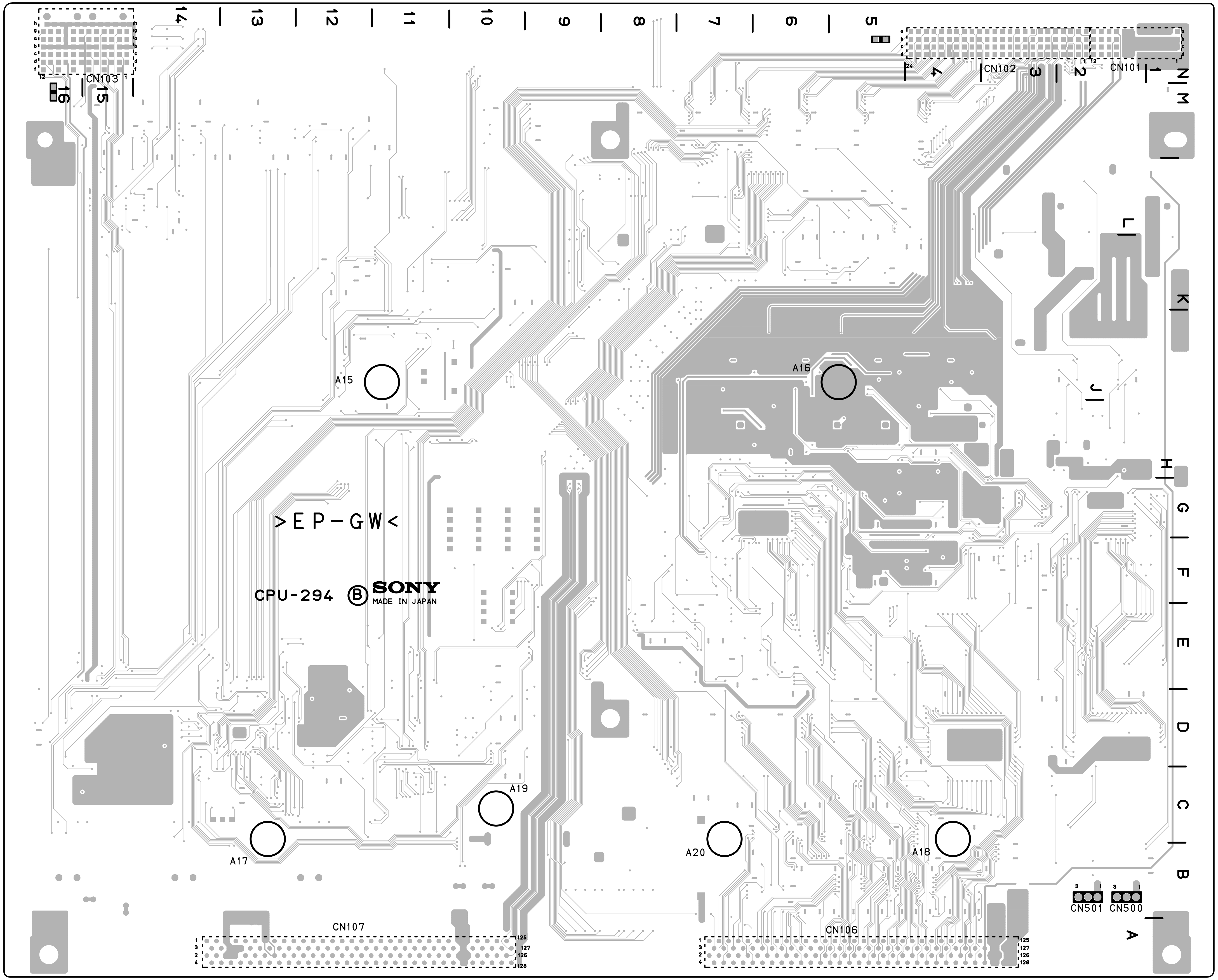
HDS-X3600/X3700 (SY) : S/N 10001 and Higher

CPU-294 -A SIDE-

SUFFIX: -11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CN102
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CN107
CN500
CN501
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>EP-GW<
CPU-294
B
SONY
MADE IN JAPAN

Components location list ; next page

CPU-294 -B SIDE-

SUFFIX: -11

CPU-294 (1-676-343-11)

BT100	C9
C100	B6
C101	B5
C102	B5
C103	B4
C104	B3
C105	B6
C107	B4
C108	B4
C109	B5
C110	B6
C111	D6
C112	B4
C113	B4
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C123	E7
C124	E6
C125	E6
C126	E7
C127	E6
C200	K5
C201	K5
C202	K8
C203	K8
C204	K5
C205	K6
C206	K9
C207	K9
C208	K4
C209	M15
C210	M5
C211	M4
C212	M7
C300	C13
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C303	D14
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C305	D14
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C308	E14
C309	E13
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C312	M14
C313	M14
C314	M14
C315	M11
C316	C15
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C321	D16
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C323	M13
C324	M13
C325	M12
C326	E15
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C329	K10
C330	K12
C331	M13
C332	L14
C333	L15
C334	L15
C335	L15
C336	L14
C337	J11
C338	J11
C339	J11
C340	H11
C400	C10
C401	M9
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C404	D9
C405	E10
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C407	D10
C408	D11
C409	D10
C410	D10
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C419	D12
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C421	M7
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C503	J6
C504	J4
C505	J5
C506	J6
C507	J3
C508	J4
C509	J5
C510	F7
C511	H4
C512	H6
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C515	H5
C516	H4
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C518	H5
C519	F2
C520	F2
C521	G4
C522	G5
C523	G5
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C525	H2
C526	H2
C527	F4
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C530	F1
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C532	F2
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C535	D3
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C538	B2
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C541	E7
C542	D2
C543	F3
C544	E7
C545	F3
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C600	J7
C601	J7
C602	J6
C603	F8
C604	H7
C605	H7
C606	F6
C607	F6
C608	G5
C609	H7
C610	H7
C611	H6
C612	G6
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C716	L2
C717	L1
C718	L3
C719	L2
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C721	J2
C722	H2
C723	J2
C724	J2
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C727	H2
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C731	M2
C732	M1
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CN103	N15
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CN107	A12
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CN301	B16
CN400	B12
CN500	B2
CN501	B2
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D101	C9
D102	C8
D103	E6
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D301	B8
D302	B8
D303	B8
D304	B8
D305	B8
D401	F10
D402	F10
D500	J4
D501	J5
D502	J6
D503	B9
D504	B9
D600	J7
D601	B9
D602	B9
D700	L2
D701	L1
D702	L3
D703	L2
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E3	A15
E4	L16
E5	M8
E6	E8
F1	M2
F2	M2
FB1	J3
FB2	J4
FB3	J5
FB4	J6
IC1	J2
IC100	C3
IC101	C4
IC102	C5
IC103	C6
IC104	C6
IC106	E6
IC107	B4
IC108	B4
IC109	B5
IC110	B6
IC111	D5
IC112	D6
IC113	D7
IC114	D8
IC115	B6
IC116	E7
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IC201	K6
IC202	K5
IC203	L5
IC204	L6
IC205	K8
IC206	L4
IC207	M15
IC208	M8
IC209	M6
IC210	M5
IC300	D13
IC301	D15
IC304	M14
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IC401	D11
IC402	D10
IC403	M6
IC404	D12
IC405	D12
IC406	M7
IC407	D10
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IC503	G4
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IC505	E2
IC506	E3
IC507	B2
IC508	D2
IC509	F3
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IC511	G4
IC512	G5
IC513	F5
IC514	F4
IC515	H4
IC516	H6
IC600	J7
IC601	E8
IC602	G6
IC603	E4
IC604	E5
IC605	D4
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L703	K1
L704	M2
L705	M2
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Q101	B8
Q102	B8
Q103	E6
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Q501	J5
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Q503	J3
Q504	J4
Q505	J5
Q600	J7
Q601	J6
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Q701	L1
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Q703	L2
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R308	M11
R309	M14
R310	M14
R311	M14
R312	C16
R313	C15
R314	L14
R315	C16
R316	E15
R317	M12
R318	E16
R319	M12
R320	B8
R321	B8
R322	B8
R323	B8
R324	B8
R325	B8
R326	D16
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R350	D14
R351	D14
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R401	E10
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R403	C12
R404	C12
R405	D10
R406	D12
R407	D12
R408	E12
R409	D12
R410	M10
R411	M10
R500	J4
R501	J5
R502	J6
R503	J4
R504	J5
R505	J6
R506	J4
R507	J3
R508	J5
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R511	J5
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R524	J3
R525	J4
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R527	J4
R528	J3
R529	J5
R530	J4
R531	J6
R532	J5
R533	H4
R534	H5
R535	H6
R536	H4
R537	H5
R538	H6
R539	F7
R540	B9
R541	J3
R542	H4
R543	J4
R544	H5
R545	H5
R546	H6
R547	F2
R548	F2
R549	G5
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R553	H2
R554	D2
R555	E7
R556	B9
R557	C2
R558	C2
R559	J4
R560	J5
R561	J6
R562	H2
R563	G5
R564	F2
R565	G4
R566	G4
R567	F2
R600	J7
R601	J7
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R620	H7
R625	H6
R626	E7
R627	B9
R628	D4
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R632	G4
R633	F6
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R702	L3
R703	K2
R704	L2
R705	K1
R706	L3
R707	L2
R708	L2
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R712	L2
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R722	J2
R723	J2
R724	H2
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R728	J2
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R730	L3
R731	H2
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R733	H2
R734	H2
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R736	J2
R737	M1
R738	B3
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RB201	M5
RB202	M4
RB203	M4
RB204	M7
RB205	M7
RB206	M7
RB207	M7
RB301	L10
RB302	J11
RB400	M6
RB401	M6
RB402	M7
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RB500	F3
RB501	G3
RB502	G3
RB503	D1
RB600	F8
RB601	G8
RB602	H8
RB603	D3
RB604	E9
RB605	F7
RY401	G10
RY402	G10
S1	F1
S2	F5
S3	E10
TP100	C8
TP400	C10
TP401	E10
TP402	D10
TP403	E10
TP404	E12
TP405	E12
TP406	D10
TP500	G3
TP501	G3
TP502	H2
TP600	G7
TP601	H7
TP602	H6
TP705	H3
TP706	H1
X300	C13
X301	J11
X500	F2
X600	F6

CPU-317 (1-675-922-11)

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C3	*L2
C4	*K2
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C6	*L2
C7	*K2
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C9	K2
C10	*K2
C11	*K2
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C42	*H3
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C62	*J4
C63	*J4
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C65	*L3
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C68	*K5
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C70	*K4
C71	*J4
C72	*A3
C73	C2
C76	*B2
C77	*A2
C78	*B4
C79	*A4
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C86	*B4
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C123	*F4
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C129	*K4
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C166	*G3
C167	*C4
C168	*C1
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C170	A1
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C173	*A1
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C175	A1
C176	*D2
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C178	*D2
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C188	*C4
C189	D2
C190	*C1
C191	*E2
C192	*C2
C193	*B2
C194	*B1
C195	*E2
C196	K5
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C199	*B4
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C202	G3
C203	*B1
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C243	*D1
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C259	G4
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C263	*D2
C264	*D2
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C266	*B1
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CN2	H1
CN8	G5
CN9	J5
CNT3	C5
CNT4	C5
CNT6	C5
CNT7	C5
CNT8	C5
COP1	J5
COP2	B3
COP3	J5
D1	H5
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D5	H5
D6	H5
D7	H5
D8	H5
D9	H4
D10	H4
D11	H4
D12	K5
D13	K5
D14	K5
D15	A5
D16	A5
D18	B5
D19	H4
D20	H4
D21	H4
D22	H4
D26	J5
D27	A5
D100	B5
D101	B5
E1	B2
E2	C4
E3	G3
E4	L4
FB1	*G4
FB2	*G4
FB3	*G4
FB4	*G4
IC1	J3
IC2	L2
IC3	J4
IC5	F3
IC6	K4
IC7	K5
IC8	L4
IC9	K1
IC10	K4
IC11	L5
IC12	K2
IC13	D2
IC14	C4
IC15	K4
IC16	G2
IC17	E5
IC18	C3
IC19	E3
IC20	D3
IC21	D5
IC22	C4
IC23	E4
IC24	D4
IC25	L2
IC26	A3
IC27	A2
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IC30	C2
IC32	C2
IC33	C2
IC34	B2
IC35	B2
IC37	A4
IC38	B4
IC39	C4
IC40	K5
IC41	A4
IC42	C3
IC43	E2
IC44	D1
IC47	D3
IC49	D3
IC50	B3
IC57	E3
IC58	D3
IC400	G3
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R25	*L2
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R27	*L2
R28	*L2
R29	G2
R30	*J4
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R50	C3
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R52	*D2
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R54	*G3
R55	*D3
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R57	B1
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R60	*G3
R61	*J4
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R65	*J4
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R73	*H3
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R75	J5
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R100	D2
R101	C2
R102	D2
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R141	*G4
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RB5	*L2
RB6	*L2
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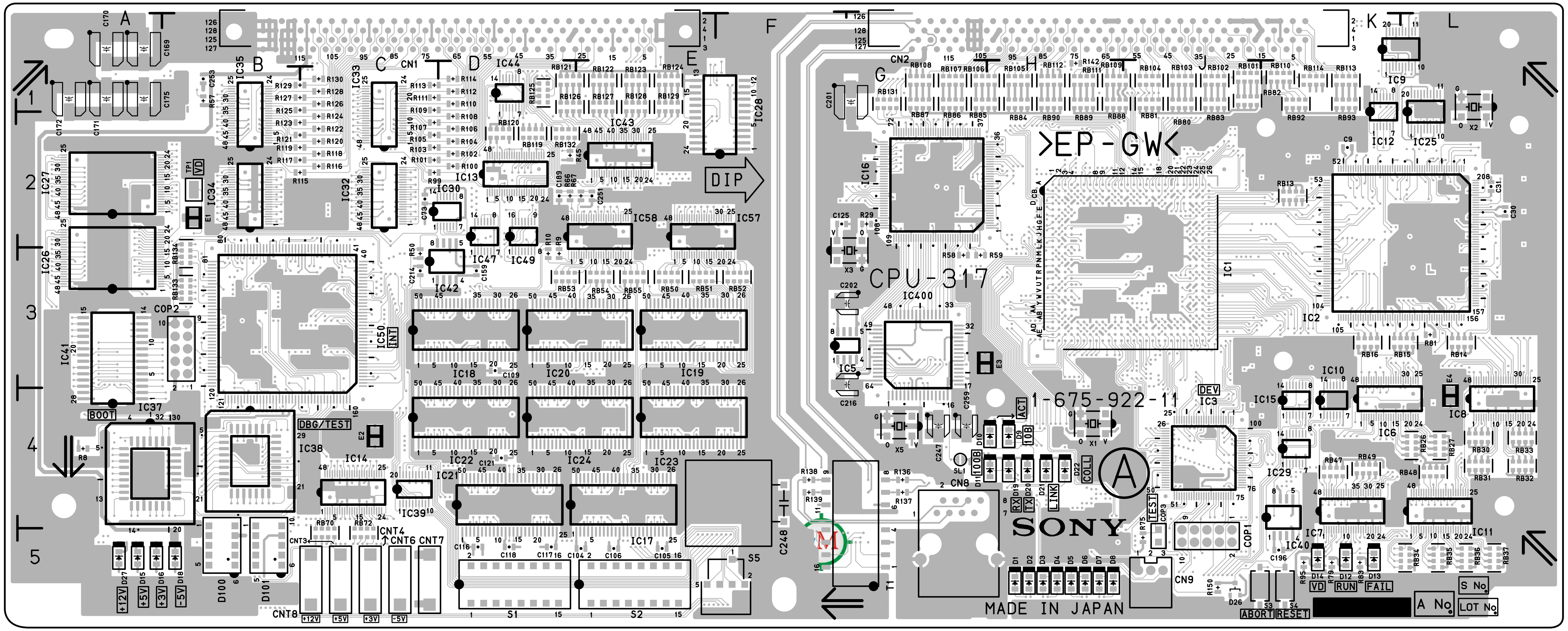
RB8	*K2
RB9	*L2
RB10	*L3
RB11	*J4
RB12	*L2
RB13	K2
RB14	L3
RB15	L3
RB16	K3
RB17	*K3
RB18	*L2
RB19	*K2
RB20	*K2
RB21	*K2
RB22	*G2
RB23	*D2
RB24	*K4
RB25	*K4
RB26	L4
RB27	L4
RB28	*K5
RB29	*K5
RB30	L4
RB31	L4
RB32	L4
RB33	L4
RB34	L5
RB35	L5
RB36	L5
RB37	L5
RB38	*D2
RB39	*H2
RB40	*L4
RB41	*L3
RB42	*J5
RB43	*K5
RB44	*L5
RB45	*L3
RB46	*L3
RB47	K4
RB48	L4
RB49	K4
RB50	E3
RB51	E3
RB52	F3
RB53	D3
RB54	E3
RB55	E3
RB56	*L4
RB57	*H2
RB58	*H4
RB59	*H4
RB60	*D2
RB61	*B3
RB62	*C3
RB63	*B3
RB64	*C3
RB65	*C3
RB66	*B3
RB67	*D1
RB68	*H5
RB69	*H5
RB70	C5
RB71	*C5
RB72	C5
RB73	*C5
RB74	*B3
RB75	*C2
RB76	*C2
RB77	*C2
RB78	*C1
RB80	J1
RB81	J1
RB82	J1
RB83	J1
RB84	H1
RB85	G1
RB86	G1
RB87	G1
RB88	H1
RB89	H1
RB90	H1
RB91	*G2
RB92	K1
RB93	K1
RB94	*G2
RB95	*G2
RB101	J1
RB102	J1
RB103	J1
RB104	J1
RB105	H1
RB106	G1
RB107	G1
RB108	G1
RB109	H1
RB110	K1
RB111	H1
RB112	H1
RB113	K1
RB114	K1
RB119	D2
RB120	D2
RB121	D1
RB122	E1
RB123	E1
RB124	E1
RB125	D1
RB126	D1
RB127	E1
RB128	E1
RB129	E1
RB130	*D1
RB131	G1
RB132	D2
RB133	B3
RB134	B3
S1	D5
S2	E5
S3	J5
S4	K5
S5	F5
SL1	G4
T1	G4
TP1	B2
X1	H4
X2	L1
X3	G3
X5	G4

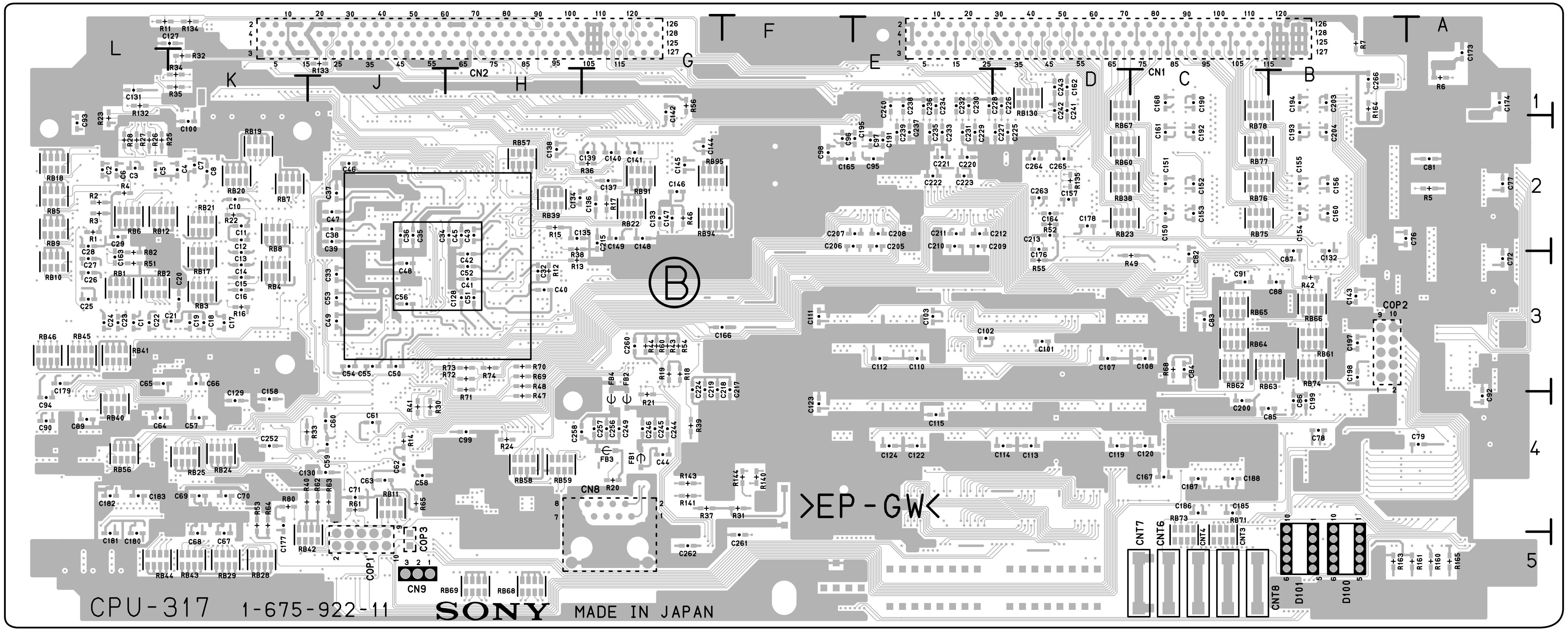


HDS-X3400/X3600/X3700 (SY) : S/N 10001 and Higher

Components location list ; previous page

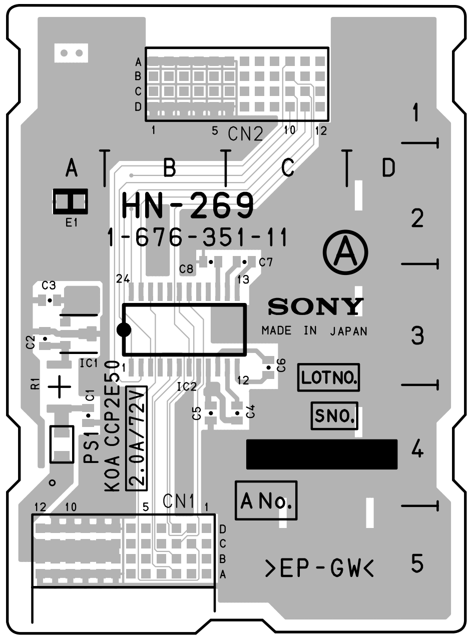
CPU-317 -A SIDE-

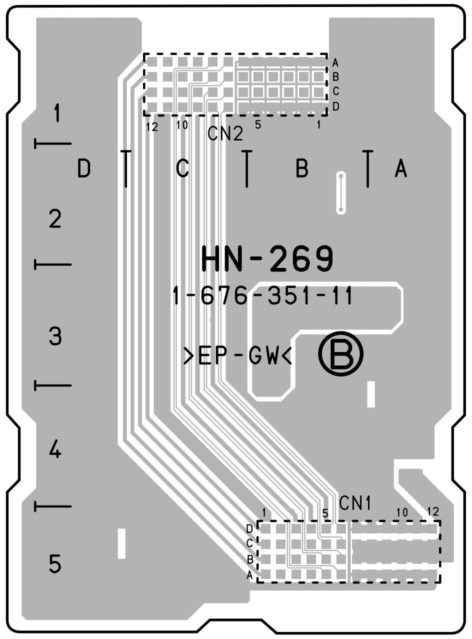
SUFFIX: -11


CPU-317
1-675-922-11
SONY
MADE IN JAPAN
>EP-GW<
CN1
CN2
CN8
CN9
COP1
COP2
COP3
CNT3
CNT4
CNT6
CNT7
CNT8
D100
D101
A
B
C
D
E
F
G
H
J
K
L
1
2
3
4
5

CPU-317 -B SIDE-

SUFFIX: -11


HN-269
1-676-351-11
CN1
CN2
IC1
IC2
PS1
KOA CCP2E50
2.0A/72V
SONY
MADE IN JAPAN
LOTNO.
SNO.
A No.
>EP-GW<
A
B
C
D
1
2
3
4
5


HN-269
1-676-351-11
>EP-GW<
CN1
CN2
A
B
C
D
1
2
3
4
5

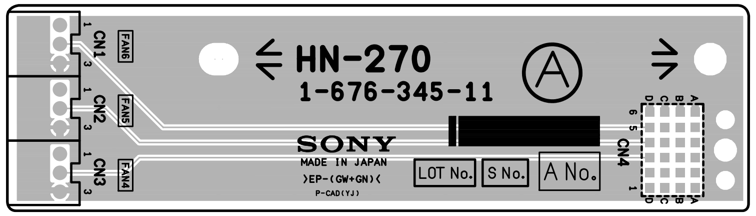
HDS-X3600 (SY) : S/N 10001 and Higher

HN-269 -A SIDE-
SUFFIX: -11

HN-269 -B SIDE-
SUFFIX: -11

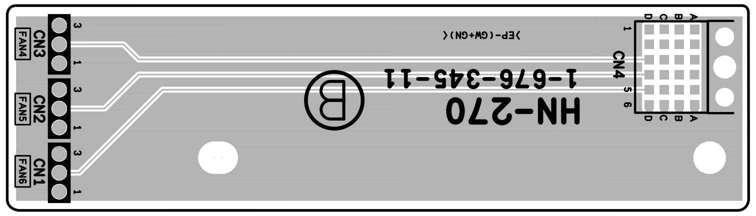
HN-269 (1-676-351-11)

C1	A4
C2	A3
C3	A3
C4	C4
C5	B4
C6	C3
C7	C2
C8	B2
CN1	B5
CN2	C1
E1	A2
IC1	A3
IC2	B3
PS1	A4
R1	A4

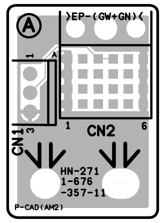

HN-270
1-676-345-11
SONY
MADE IN JAPAN
>EP-(GW+GN)<
P-CAD(YJ)
LOT No.
S No.
A No.
CN1
CN2
CN3
CN4
FAN6
FAN5
FAN4

HDS-X3700 (SY) : S/N 10001 and Higher

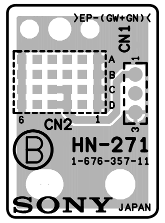
HN-270 -A SIDE-
SUFFIX: -11


HN-270
1-676-345-11
>EP-(GW+GN)<
CN1
CN2
CN3
CN4
FAN4
FAN5
FAN6

HN-270 -B SIDE-
SUFFIX: -11

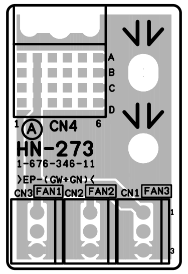

>EP-(GW+GN)<
CN1
CN2
HN-271
1-676
-357-11
P-CAD(AM2)

HN-271 -A SIDE-
SUFFIX: -11

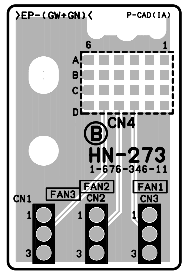

>EP-(GW+GN)<
CN1
CN2
HN-271
1-676-357-11
SONY
JAPAN

HN-271 -B SIDE-
SUFFIX: -11

HDS-X3400 (SY) : S/N 10001 and Higher

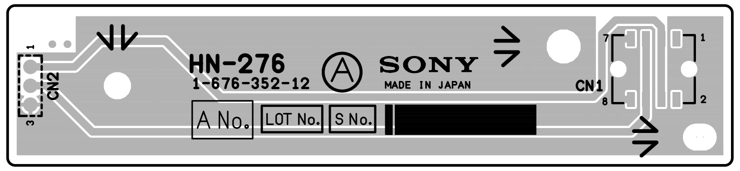

CN4
HN-273
1-676-346-11
>EP-(GW+GN)<
CN3
FAN1
CN2
FAN2
CN1
FAN3

HN-273 -A SIDE-
SUFFIX: -11


>EP-(GW+GN)<
P-CAD(IA)
CN4
HN-273
1-676-346-11
CN1
FAN3
FAN2
CN2
FAN1
CN3

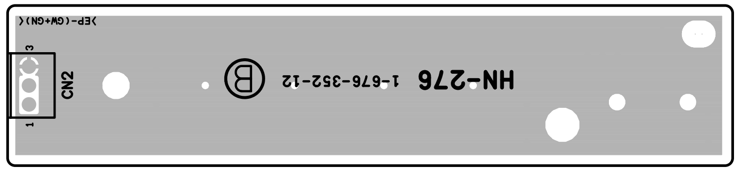
HN-273 -B SIDE-
SUFFIX: -11

HDS-X3700 (SY) : S/N 10001 and Higher


HN-276
1-676-352-12
SONY
MADE IN JAPAN
CN1
CN2
A No.
LOT No.
S No.

HDS-X3600 (SY) : S/N 10001 and Higher

HN-276 -A SIDE-
SUFFIX: -12


>EP-(GW+GN)<
CN2
HN-276
1-676-352-12

HN-276 -B SIDE-
SUFFIX: -12

IPM-95 (1-676-358-11)
----

*:B SIDE

C1	L5
C2	*M5
C3	L4
C4	*M4
C5	M5
C6	*L5
C7	M5
C8	M5
C9	*L5
C10	*L5
C11	M5
C12	*L5
C13	M5
C14	L5
C15	*L5
C16	*M5
C17	L5
C18	*M5
C19	M5
C20	*L5
C21	K5
C22	*L5
C23	K4
C24	*L4
C25	L5
C26	*K5
C27	L5
C28	L5
C29	*K5
C30	*K5
C31	L5
C32	*K5
C33	L5
C34	K5
C35	*K5
C36	*L5
C37	K5
C38	*L5
C39	L5
C40	*K5
C41	M5
C42	M5
C43	M5
C44	M5
C45	L5
C46	L5
C47	L5
C48	L5
C49	*L5
C50	*L5
C51	*L5
C52	*L5
C53	*M5
C54	*M5
C55	*M5
C56	*M5
C57	*L5
C58	*L5
C59	*L5
C60	*L5
C61	*K5
C62	*K5
C63	*K5
C64	*K5
C65	K5
C66	K5
C67	K5
C68	K5
C69	L5
C70	L5
C71	L5
C72	L5
C73	M5
C74	M5
C75	L5
C76	L5
C77	*L5
C78	*L5
C79	*M5
C80	*M5
C81	L5
C82	L5
C83	L5
C84	K5
C85	*K5
C86	*L5
C87	*L5
C88	*L5
C201	J5
C202	*K5
C203	J4
C204	*K4
C205	K5
C206	*J5
C207	K5
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C216	J5
C217	*J5
C218	*K5
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C220	*K5
C221	K5
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C224	*K5
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C226	J5
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C236	J5
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C242	*K5
C243	*K5
C244	*K5
C245	H5
C246	*J5
C247	H4
C248	*J4
C249	J5
C250	*H5
C251	J5
C252	J5
C253	*H5
C254	*H5
C255	J5
C256	*H5
C257	J5
C258	J5
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C265	B10
C266	J5
C267	H5
C268	*H5
C269	*J5
C270	H5
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C272	J5
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C275	J5
C276	J5
C277	J5
C278	H5
C279	H5
C280	J5
C281	H5
C282	*H5
C283	*J5
C284	*H5
C285	*H5
C286	*J5
C287	*J5
C288	*J5
C289	*J5
C401	H5
C402	*H5
C403	H4
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C408	H5
C409	*G5
C410	*G5
C411	H5
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C416	H5
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C419	*H5
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C442	*H5
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C465	G5
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C631	F5
C632	F5
C633	E5
C634	E5
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C647	*E5
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C820	*L8
C821	L8
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C823	*K8
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C825	L8
C826	K8
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C840	*K9
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C842	*L9
C843	*L9
C844	*L9
C845	J8
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C847	J8
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C849	K8
C850	*J8
C851	K8
C852	K8
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C857	K8
C858	K8
C859	K8
C860	J8
C861	*J8
C862	*K8
C863	*K8
C864	*K8
C865	K8
C866	J9
C867	*J8
C868	*K9
C869	J8
C870	*K8
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C873	K9
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C875	K9
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C887	*K9
C888	*K9
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C1002	*J8
C1003	H8
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C1006	*H8
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C1008	J8
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C1019	*J8
C1020	*J8
C1021	J8
C1022	H9
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C1024	*J9
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C1227	*G8
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C1239	*F9
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C1249	F8
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C1252	F8
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C1257	F8
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C1283	*E9
C1284	*E9
C1285	*F9
C1286	*F9
C1287	*F9
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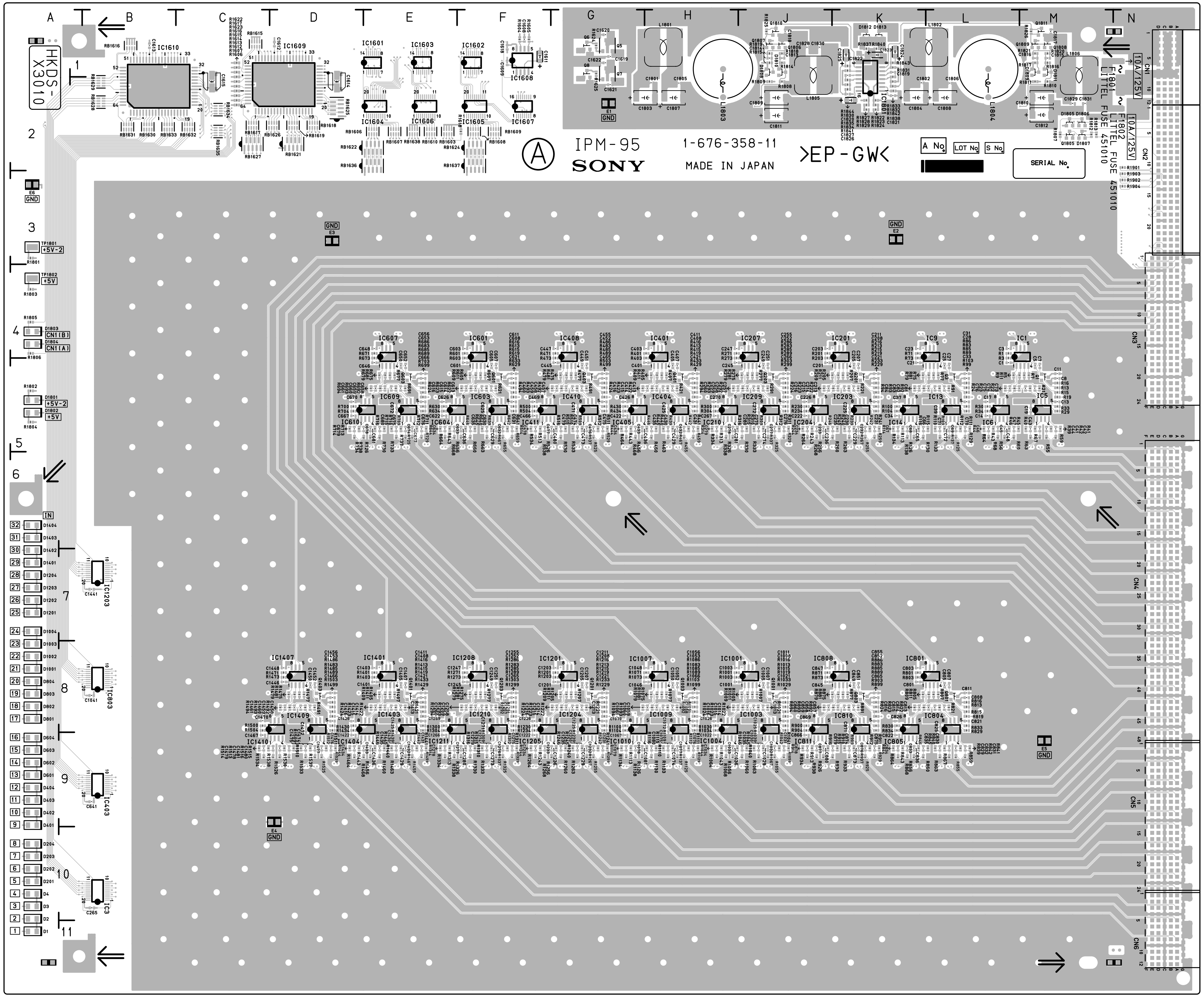
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1-676-358-11
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MADE IN JAPAN
>EP-GW<
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S No.
SERIAL No.
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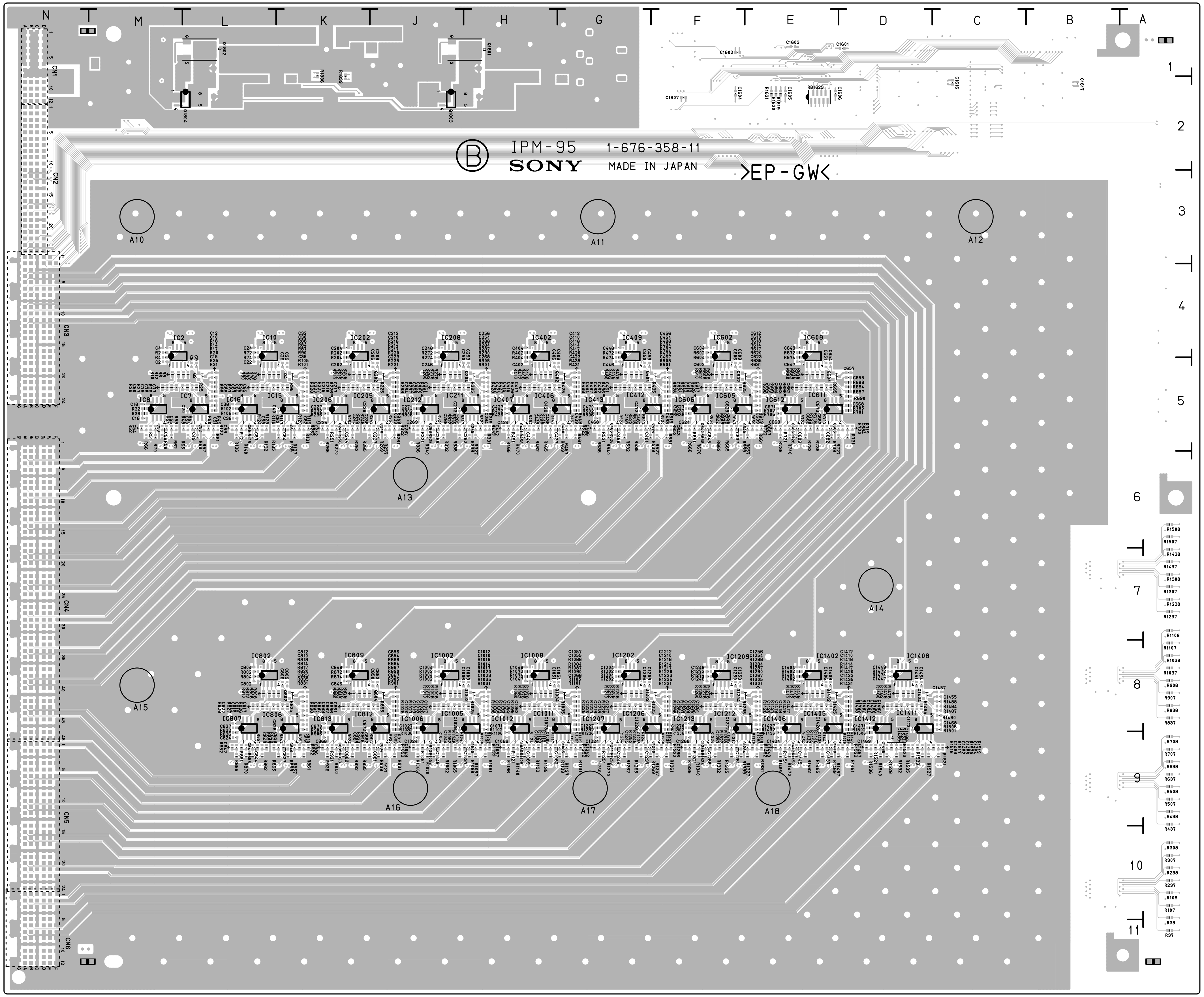
F1802 LITTEL FUSE 451010
10A/125V
IC1610
IC1609
IC1601
IC1603
IC1602
IC1608
IC1604
IC1606
IC1605
IC1607
GND
+5V-2
+5V
CN11(B)
CN11(A)
IN
CN1
CN2
CN3
CN4
CN5
CN6

HKDS-X3010 (SY) : S/N 10001 and Higher

Components location list ; previous page

IPM-95 -A SIDE-

SUFFIX: -11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IPM-95
1-676-358-11
SONY
MADE IN JAPAN
>EP-GW<
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IC1412
IC1411

IPM-95 -B SIDE-

SUFFIX: -11

MB-864 (1-676-342-11)
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*:B SIDE

CN11	K1
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CN13	G1
CN14	F1
CN15	E1
CN16	D1
CN17	D1
CN18	C1
CN24	*F1
CN27	*C1
CN31	K2
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CN33	G2
CN34	F2
CN35	E2
CN36	D2
CN37	D2
CN38	C2
CN44	*F2
CN47	*C2
CN51	K3
CN52	J3
CN53	G3
CN54	F3
CN55	E3
CN56	D3
CN57	D3
CN58	C3
CN64	*F3
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CN72	J4
CN73	G4
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CN78	C4
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CN95	E5
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CN147	D7
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CN153	G8
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CN155	E8
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CN157	D8
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CN168	C8
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CN1014	A7
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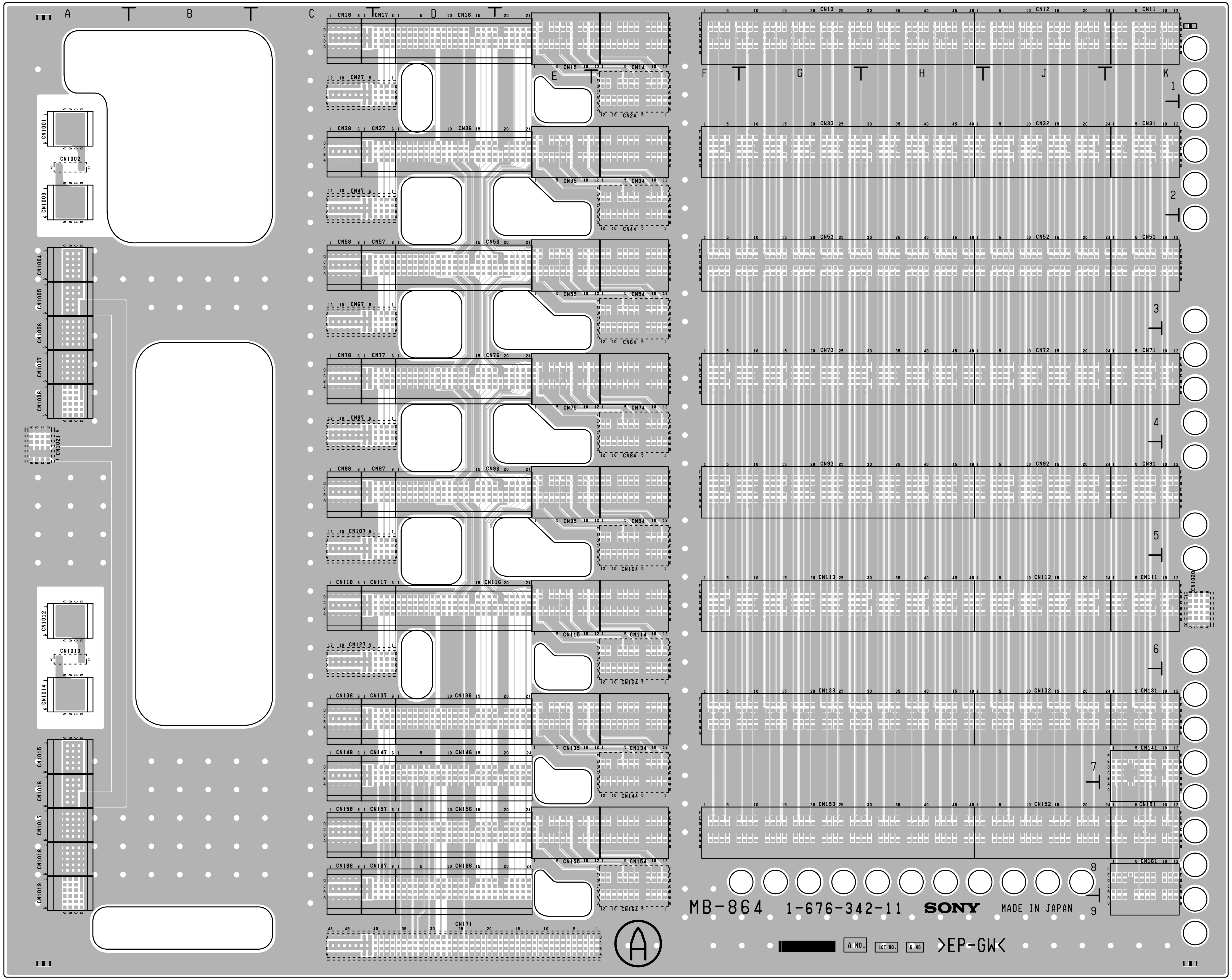
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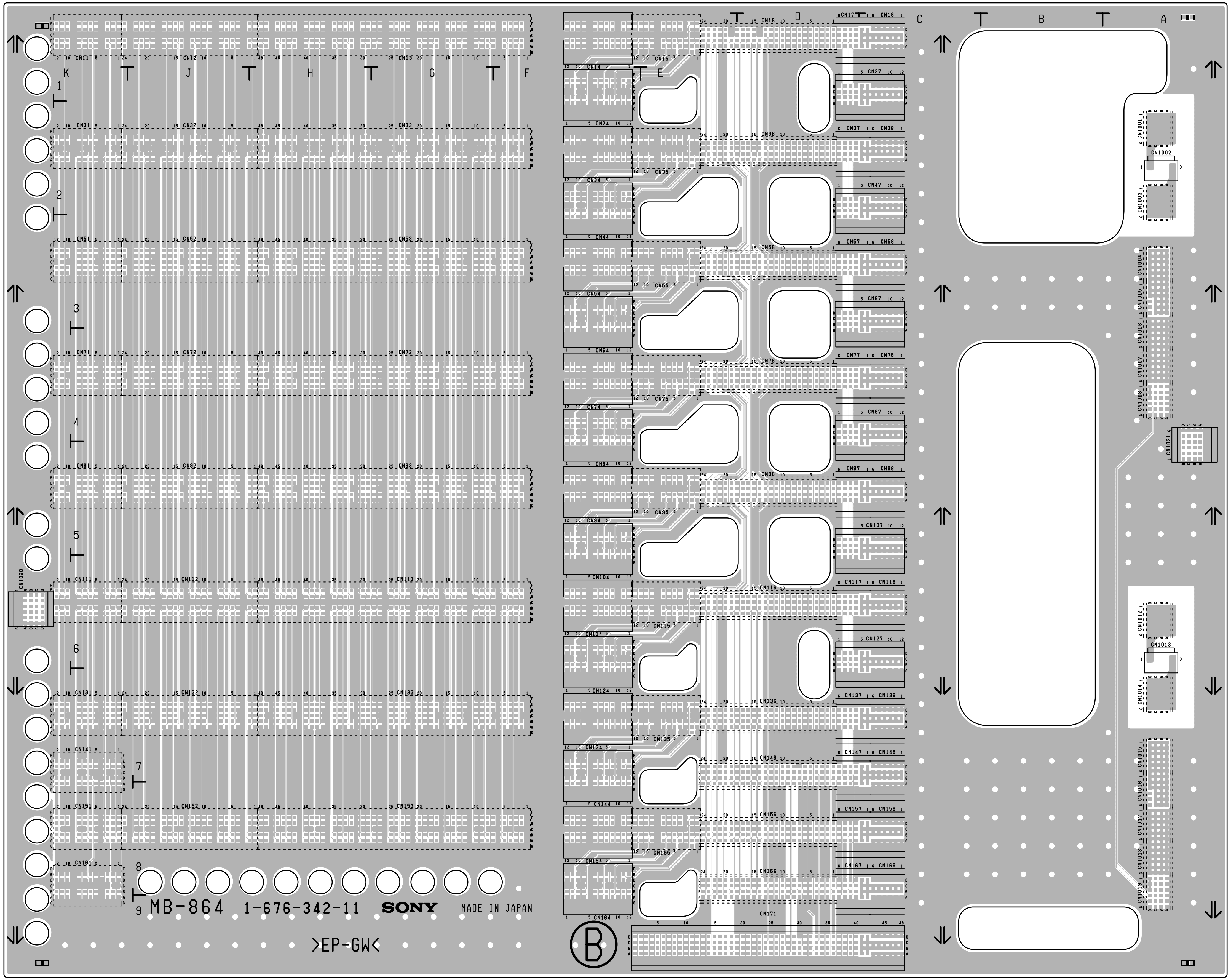
MB-864
1-676-342-11
SONY
MADE IN JAPAN
A NO.
LOT NO.
S NO.
>EP-GW<

HDS-X3700 (SY) : S/N 10001 and Higher

MB-864 -A SIDE-

SUFFIX: -11


MB-864
1-676-342-11
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MADE IN JAPAN
>EP-GW<
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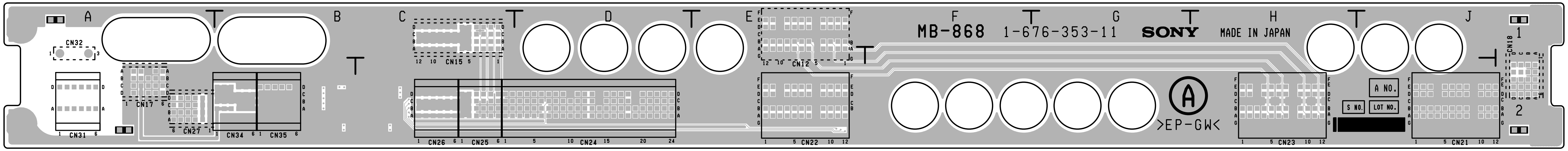
CN1013

MB-864 -B SIDE-

SUFFIX: -11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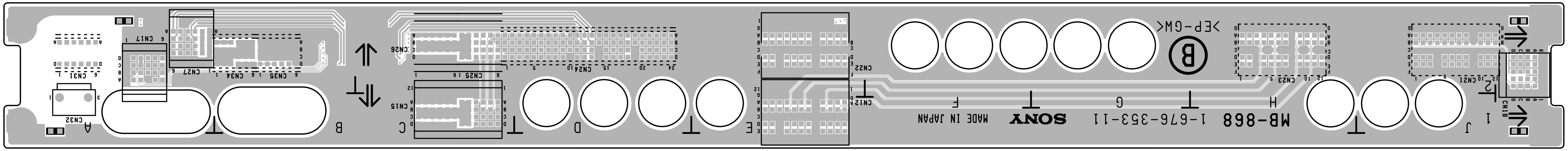
CN18
MB-868 1-676-353-11
SONY
MADE IN JAPAN
A
>EP-GW<
A NO.
S NO.
LOT NO.
1
2

HDS-X3400 (SY) : S/N 10001 and Higher

MB-868 -A SIDE-
SUFFIX: -11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MB-868 1-676-353-11
SONY
MADE IN JAPAN
B
>EP-GW<
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MB-868 -B SIDE-
SUFFIX: -11

MB-868 (1-676-353-11)

*:B SIDE

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CN15	*C1
CN17	*A2
CN18	*J2
CN21	J2
CN22	E2
CN23	H2
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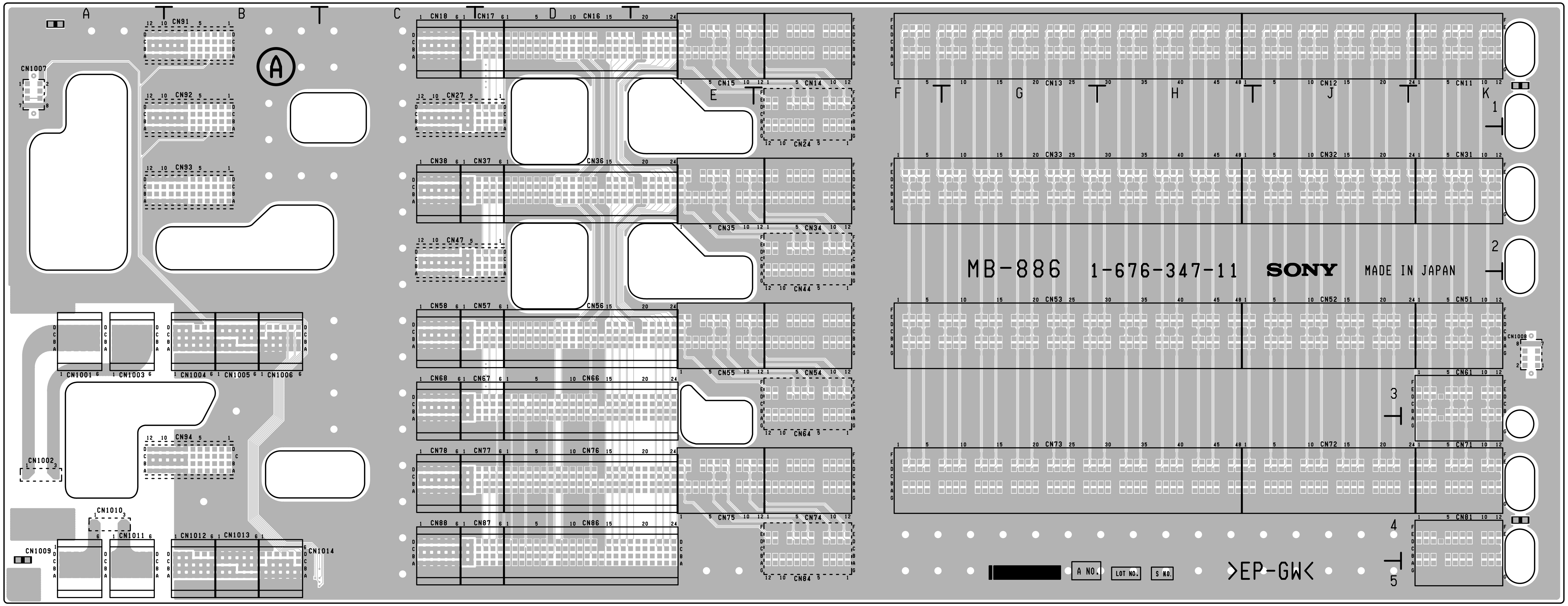
CN35	B2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MB-886 1-676-347-11
SONY
MADE IN JAPAN
A NO.
LOT NO.
S NO.
>EP-GW<

HDS-X3600 (SY) : S/N 10001 and Higher

MB-886 -A SIDE-

SUFFIX: -11

MB-886 (1-676-347-11)
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*:B SIDE

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CN14	F1	CN58	C3	CN1002	*A4
CN15	E1	CN61	K3	CN1003	A3
CN16	D1	CN64	*F3	CN1004	B3
CN17	D1	CN66	D3	CN1005	B3
CN18	C1	CN67	D3	CN1006	B3
CN24	*F1	CN68	C3	CN1007	*A1
CN27	*C1	CN71	K4	CN1008	*K3
CN31	K2	CN72	J4	CN1009	A5
CN32	J2	CN73	G4	CN1010	*A4
CN33	G2	CN74	F4	CN1011	A5
CN34	F2	CN75	E4	CN1012	B5
CN35	E2	CN76	D4	CN1013	B5
CN36	D2	CN77	D4	CN1014	B5
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CN38	C2	CN81	K4		
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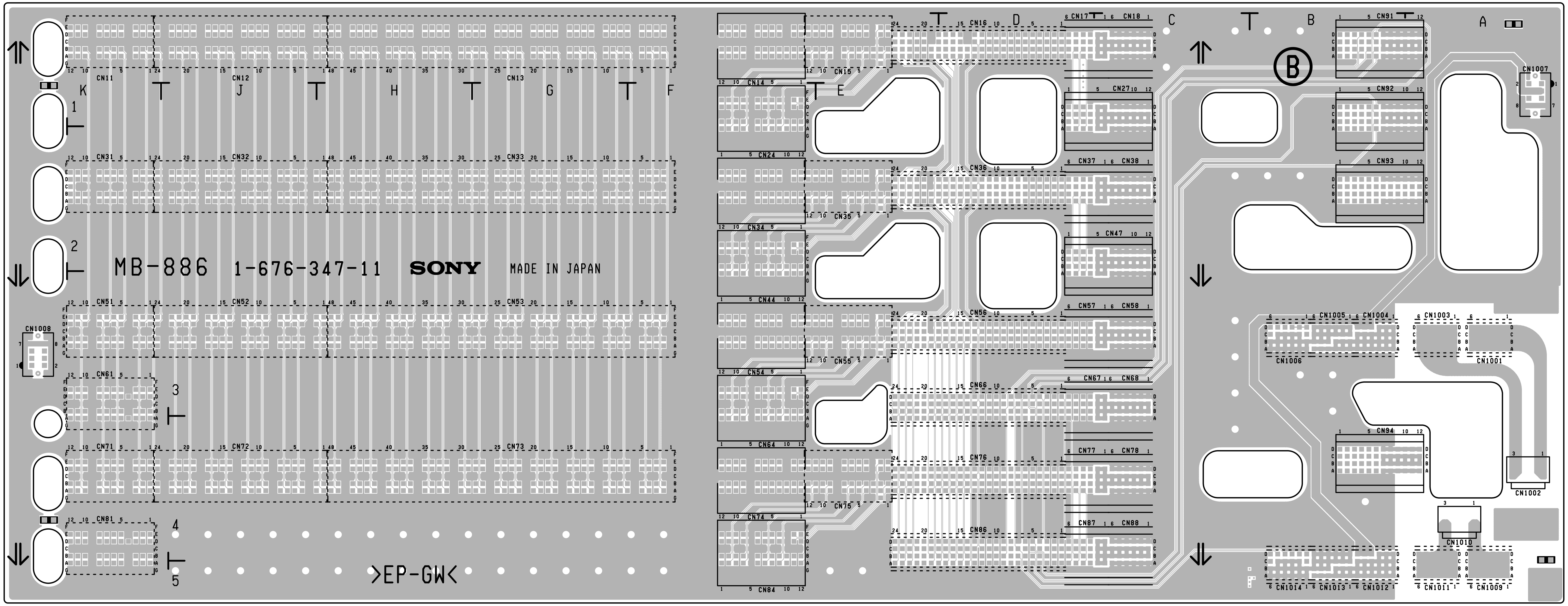
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MB-886 -B SIDE-
SUFFIX: -11

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MX-96  (1-676-359-11)
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R65	J5	R325	*K8	R416	*K9	R675	*D7	R923	F8	R1014	*F8	R1261	*F10	R1508	E9
R66	J6	R326	K8	R417	*K9	R676	*D7	R924	F8	R1015	*F8	R1262	*F10	R1509	*D9
R67	J6	R327	K8	R418	K10	R677	*F7	R925	*G8	R1016	*F8	R1263	*F10	R1510	*D9
R68	J6	R328	K8	R419	K10	R678	*E7	R926	*G8	R1017	*G8	R1264	*G10	R1511	*E9
R69	J6	R329	K8	R420	K9	R679	*E7	R927	*F8	R1018	*G8	R1265	F10	R1512	*E9
R70	*J6	R330	K8	R421	K9	R680	*D7	R928	*F8	R1019	*F8	R1266	F10	R1513	*D9
R71	*J6	R331	K8	R422	*K10	R681	*E7	R929	*G8	R1020	*F8	R1267	F10	R1514	*D9
R72	*J6	R332	*K8	R423	*K10	R682	*E7	R930	*G8	R1021	*E8	R1268	G10	R1515	*E9
R73	*J6	R333	*K8	R424	*K9	R683	*E7	R931	*F8	R1022	*E8	R1269	F10	R1516	*E9
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R75	J6	R335	*K8	R426	K10	R685	*D7	R933	*G8	R1024	*D8	R1271	F10	R1518	D9
R76	J6	R336	*K8	R427	K10	R686	*D7	R934	*G8	R1025	*E8	R1272	G10	R1519	E9
R77	J6	R337	*K8	R428	K9	R687	*D7	R935	*G8	R1026	*E8	R1273	*F10	R1520	E9
R78	*J6	R338	J8	R429	K9	R688	*D7	R936	*G8	R1027	*E8	R1274	*F10	R1521	D9
R79	*J6	R339	J8	R430	B11	R689	*E7	R937	*F8	R1028	*E8	R1275	*G10	R1522	D9
R80	J6	R340	*K8	R431	B11	R690	*E7	R938	*F8	R1029	*D8	R1276	*G10	R1523	E9
R81	J6	R341	*K8	R600	*G7	R691	*D7	R939	*F8	R1030	*D8	R1277	*F10	R1524	E9
R82	*J6	R342	*K8	R601	G7	R692	*D7	R940	*F8	R1031	*D8	R1278	*F10	R1525	*D9
R83	*J6	R343	*K8	R602	F7	R693	*E7	R941	*G8	R1032	*D8	R1279	*G10	R1526	*D9
R84	J6	R344	*J8	R603	F7	R694	*E7	R942	*G8	R1033	*E8	R1280	*G10	R1527	*E9
R85	J6	R345	*J8	R604	F7	R695	*D7	R943	*F8	R1034	*E8	R1281	*F10	R1528	*E9
R86	*J6	R346	*J8	R605	G7	R696	*D7	R944	*F8	R1035	*E8	R1282	*F10	R1529	*D9
R87	*J6	R347	*J8	R606	F7	R697	*G7	R945	*G8	R1036	*E8	R1283	*F10	R1530	*E9
R88	*J6	R348	J8	R607	F7	R698	*G7	R946	*G8	R1037	*D8	R1284	*F10	R1531	*E9
R89	*J6	R349	J8	R608	F7	R699	*G7	R947	*F8	R1038	*D8	R1285	*G10	R1532	*F9
R90	*K6	R350	J8	R609	*G7	R700	*G7	R948	*F8	R1039	*D8	R1286	*G10	R1533	*D9
R91	*K6	R351	J8	R610	*F7	R701	*G7	R949	E8	R1040	*D8	R1287	*G10	R1534	*D9
R92	K6	R352	*J8	R611	*F7	R702	*G7	R950	E8	R1041	*E8	R1288	*G10	R1535	*E9
R93	K6	R353	*J8	R612	*F7	R703	*F7	R951	D8	R1042	*E8	R1289	*F10	R1536	*E9
R94	*K6	R354	*J8	R613	*G7	R704	*F7	R952	D8	R1043	*D8	R1290	*F10	R1537	*D9
R95	*K6	R355	*J8	R614	*F7	R705	*G7	R953	E8	R1044	*D8	R1291	*G10	R1538	*D9
R96	K6	R356	J8	R615	*F7	R706	*G7	R954	E8	R1201	D10	R1292	*G10	R1539	*D9
R97	K6	R357	J8	R616	*F7	R707	*F7	R955	D8	R1202	D10	R1293	*F10	R1540	*D9
R98	*K6	R358	*J8	R617	G7	R708	*F7	R956	D8	R1203	E10	R1294	*F10	R1541	*E9
R99	*K6	R359	*J8	R618	F7	R709	*F7	R957	*E8	R1204	E10	R1295	*G10	R1542	*E9
R100	K6	R360	J8	R619	F7	R710	*F7	R958	*E8	R1205	D10	R1296	*G10	R1543	*E9
R101	K6	R361	J8	R620	F7	R711	*G7	R959	*D8	R1206	D10	R1297	*D10	R1544	*E9
R102	*K6	R362	*J8	R621	G7	R712	*G7	R960	*D8	R1207	E10	R1298	*D10	R1545	*D9
R103	*K6	R363	*J8	R622	F7	R713	*F7	R961	*E8	R1208	E10	R1299	*E10	R1546	*D9
R104	K6	R364	J8	R623	F7	R714	*F7	R962	*E8	R1209	*D10	R1300	*E10	R1547	*D9
R105	K6	R365	J8	R624	F7	R715	*F7	R963	*D8	R1210	*D10	R1301	*D10	R1548	*D9
R106	*K6	R366	J9	R625	*G7	R716	*F7	R964	*D8	R1211	*E10	R1302	*D10	R1549	*E9
R107	*K6	R367	J9	R626	*G7	R717	*G7	R965	E8	R1212	*E10	R1303	*D10	R1550	*E9
R108	*K6	R368	J9	R627	*F7	R718	*F7	R966	E8	R1213	*D10	R1304	*D10	R1551	*E9
R109	*K6	R369	J9	R628	*F7	R719	*F7	R967	D8	R1214	*D10	R1305	*E10	R1552	*E9
R110	K6	R370	*J9	R629	*G7	R720	*E7	R968	D8	R1215	*E10	R1306	*E10	R1553	*D9
R111	K6	R371	*J9	R630	*G7	R721	*E7	R969	E8	R1216	*E10	R1307	*E10	R1554	*D9
R112	*K6	R372	*J9	R631	*F7	R722	*D7	R970	E8	R1217	D10	R1308	*E10	R1555	*D9
R113	*K6	R373	*J9	R632	*F7	R723	*D7	R971	D8	R1218	D10	R1309	*D10	R1556	*D9
R114	K6	R374	J9	R633	*G7	R724	*E7	R972	D8	R1219	E10	R1310	*D10	R1557	*E9
R115	K6	R375	J9	R634	*G7	R725	*E7	R973	*E8	R1220	E10	R1311	*D10	R1558	*E9
R116	*K6	R376	J10	R635	*G7	R726	*E7	R974	*E8	R1221	D10	R1312	*D10	R1559	*E9
R117	*K6	R377	J10	R636	*G7	R727	*E7	R975	*D8	R1222	D10	R1313	*E10	R1560	*E9
R118	K6	R378	*J9	R637	*F7	R728	*D7	R976	*D8	R1223	E10	R1314	*E10	R1561	*D9
R119	K6	R379	*J9	R638	*F7	R729	*D7	R977	*F8	R1224	E10	R1315	*E10	R1562	*D9
R120	K6	R380	J9	R639	*F7	R730	*D7	R978	*E8	R1225	*D10	R1316	*E10	R1563	*E9
R121	K6	R381	J9	R640	*F7	R731	*D7	R979	*E8	R1226	*D10	R1317	*D10	R1564	*E9
R122	*L6	R382	*J10	R641	*G7	R732	*E7	R980	*D8	R1227	*E10	R1318	*D10	R1565	*D9
R123	*K6	R383	*J10	R642	*G7	R733	*E7	R981	*E8	R1228	*E10	R1319	*E10	R1566	*D9
R124	*K6	R384	J10	R643	*F7	R734	*E7	R982	*E8	R1229	*D10	R1320	*E10	R1567	*E9
R125	*L6	R385	J10	R644	*F7	R735	*E7	R983	*E8	R1230	*E10	R1321	*F10	R1568	*E9
R126	L6	R386	*J9	R645	*G7	R736	*D7	R984	*E8	R1231	*E10	R1322	*F10	R1569	*D9
R127	K6	R387	*J9	R646	*G7	R737	*D7	R985	*D8	R1232	*F10	R1323	*G10	R1570	*D9
R128	L6	R388	*J10	R647	*F7	R738	*D7	R986	*D8	R1233	*D10	R1324	*G10	R1571	*E9
R129	K6	R389	*J10	R648	*F7	R739	*D7	R987	*D8	R1234	*D10	R1325	*F10	R1572	*E9
R130	B11	R390	*K9	R649	E7	R740	*E7	R988	*D8	R1235	*D10	R1326	*F10	R1573	F9
R131	B11	R391	*K9	R650	E7	R741	*E7	R989	*E8	R1236	*D10	R1327	*F10	R1574	F9
R301	K8	R392	K9	R651	D7	R742	*D7	R990	*E8	R1237	*E10	R1328	*F10	R1575	F9
R302	K8	R393	K9	R652	D7	R743	*D7	R991	*D8	R1238	*E10	R1329	*G10	R1576	G9
R303	K8	R394	*K10	R653	E7	R901	G8	R992	*D8	R1239	*E10	R1330	*G10	R1577	F9
R304	K8	R395	*K10	R654	E7	R902	F8	R993	*E8	R1240	*E10	R1331	*G10	R1578	F9
R305	K8	R396	K10	R655	D7	R903	F8	R994	*E8	R1241	*D10	R1332	*G10	R1579	F9
R306	K8	R397	K10	R656	D7	R904	F8	R995	*D8	R1242	*D10	R1333	*F10	R1580	G9
R307	*K8	R398	*K9	R657	*E7	R905	G8	R996	*D8	R1243	*E10	R1334	*F10	R1581	*F9
R308	*K8	R399	*K9	R658	*E7	R906	F8	R997	*G8	R1244	*E10	R1335	*F10	R1582	*F9
R309	K8	R400	K9	R659	*D7	R907	F8	R998	*G8	R1245	*D10	R1336	*F10	R1583	*F9
R310	K8	R401	K9	R660	*D7	R908	F8	R999	*F8	R1246	*D10	R1337	*G10	R1584	*G9
R311	*K8	R402	*K10	R661	*E7	R909	*G8	R1000	*F8	R1247	*E10	R1338	*G10	R1585	*F9
R312	*K8	R403	*K10	R662	*E7	R910	*F8	R1001	*G8	R1248	*E10	R1339	*G10	R1586	*F9
R313	K8	R404	K10	R663	*D7	R911	*F8	R1002	*G8	R1249	F10	R1340	*G10	R1587	*F9
R314	K8	R405	K10	R664	*D7	R912	*F8	R1003	*G8	R1250	F10	R1341	*F10	R1588	*G9
R315	K8	R406	*K10	R665	E7	R913	*G8	R1004	*G8	R1251	F10	R1342	*F10	R1589	F9
R316	K8	R407	*K10	R666	E7	R914	*F8	R1005	*F8	R1252	G10	R1343	*G10	R1590	F9
R317	*K8	R408	*K9	R667	D7	R915	*F8	R1006	*F8	R1253	F10	R1344	*G10	R1591	F9
R318	*K8	R409	*K9	R668	D7	R916	*F8	R1007	*F8	R1254	F10	R1501	D9	R1592	G9
R319	*K8	R410	K10	R669	E7	R917	G8	R1008	*F8	R1255	F10	R1502	D9	R1593	F9
R320	*K8	R411	K10	R670	E7	R918	F8	R1009	*G8	R1256	G10	R1503	E9	R1594	F9
R321	*K8	R412	*K10	R671	D7	R919	F8	R1010	*G8	R1257	*F10	R1504	E9	R1595	F9
R322	K8	R413	*K10	R672	D7	R920	F8	R1011	*G8	R1258	*F10	R1505	D9	R1596	G9

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R1598	*F9	R1845	C11	R2428	*B6	R3323	D4	R4218	*G2	R5741	H2	X2103	E6
R1599	*G9	R1846	C11	R2429	D6	R3324	*D4	R4219	F3	R5742	H2	X2104	*E6
R1600	*G9	R1847	C11	R2430	*D6	R3325	B4	R4220	*F2	R5743	H1	X2401	C6
R1601	*F9	R1848	C11	R2431	B6	R3326	*B4	R4221	F2	R5744	H1	X2402	*C6
R1602	*F9	R1849	C11	R2432	*B6	R3327	C4	R4222	*F2	R6001	*A3	X2403	B6
R1603	*G9	R1850	C11	R2701	F5	R3328	*C4	R4223	F3	R6002	*A5	X2404	*B6
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R1605	*F9	R1852	C11	R2703	G5	R3330	*B4	R4225	D2	R6006	D2	X2702	*F5
R1606	*F9	R1853	*C11	R2704	*G5	R3331	D4	R4226	*D2	R6009	D1	X2703	E5
R1607	*G9	R1854	*C11	R2705	G5	R3332	*D4	R4227	F2	R6010	D1	X2704	*E5
R1608	*G9	R1855	*C11	R2706	*G5	R3601	D4	R4228	*F2	R6013	D1	X3001	C5
R1609	*F9	R1856	*C11	R2707	F5	R3602	*D4	R4229	E2	R6014	D1	X3002	*C5
R1610	*F9	R1857	*H2	R2708	*F5	R3603	E4	R4230	*E3	R6020	D1	X3003	B5
R1611	*F9	R1858	*H2	R2709	F5	R3604	*E4	R4231	F2	R6022	E2	X3004	*B5
R1612	*F9	R1859	*H2	R2710	*F5	R3605	E4	R4232	*F3	R6023	E2	X3301	B4
R1613	*G9	R1860	*H2	R2711	F5	R3606	*E4	R4501	C7	R6024	E2	X3302	*B4
R1614	*G9	R1861	*H2	R2712	*F5	R3607	E4	R4502	B7	R6025	E1	X3303	C4
R1615	*G9	R1862	*H2	R2713	D5	R3608	*E4	R4503	B8	R6028	E2	X3304	*C4
R1616	*G9	R1863	*H3	R2714	*D5	R3609	E4	R4504	C8	R6030	E2	X3601	E4
R1617	*F9	R1864	*H3	R2715	E5	R3610	*E4	R4505	C8	R6031	E1	X3602	*E4
R1618	*F9	R1865	*H2	R2716	*E5	R3611	E4	R4506	*B10	R6032	E2	X3603	F4
R1619	*F9	R1866	*H2	R2717	E5	R3612	*E4	R4507	B1	R6033	E1	X3604	*F4
R1620	*F9	R1867	*H2	R2718	*E5	R3613	F4	R4508	B1	R6034	E2	X3901	B2
R1621	*G9	R1868	*H2	R2719	E5	R3614	*F4	R4509	*B10	R6037	E1	X3902	*B3
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R1623	*G9	R1870	*H3	R2721	E5	R3616	*G4	R4511	C8	R6040	*A5	X3904	*C3
R1624	*G9	R1871	*G2	R2722	*E5	R3617	G4	R4516	C8	R6041	*A5	X4201	E2
R1625	*F9	R1872	*G3	R2723	E5	R3618	*G4	R4517	C8			X4202	*E3
R1626	*F9	R1901	N3	R2724	*E5	R3619	F4	R4518	C8	RB1	*B10	X4203	F2
R1627	*F9	R1902	N3	R2725	F5	R3620	*F4	R4519	C8	RB2	C10	X4204	*F3
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R1629	*G9	R1904	N3	R2727	*D5	R3622	*F4	R4521	C8	RB301	B10		
R1630	*G9	R2101	F6	R2728	D5	R3623	F4	R4522	C8	RB302	C10		
R1631	*G9	R2102	*F6	R2729	F4	R3624	*F4	R4523	C8	RB303	*B10		
R1632	*G9	R2103	G6	R2730	*F5	R3625	D4	R4524	C8	RB1801	C10		
R1633	*F9	R2104	*G6	R2731	E4	R3626	*D4	R4525	C8	RB1802	C10		
R1634	*F9	R2105	G6	R2732	*E5	R3627	F4	R4526	C9	RB1803	C11		
R1635	*G9	R2106	*G6	R3001	C5	R3628	*F4	R5401	*J7	RB1804	C11		
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R1826	*J4	R2409	D6	R3304	*C4	R3931	D2	R5722	H2	RB4814	*C9		
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R1832	*H5	R2415	C6	R3310	*C4	R4205	E2	R5728	H2	RB5102	*A10		
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R1835	*J4	R2418	*C6	R3313	C4	R4208	*E2	R5731	H1				
R1836	*J4	R2419	B6	R3314	*C4	R4209	E2	R5732	H2	TH5401	B8		
R1837	*G3	R2420	*B6	R3315	D4	R4210	*E2	R5733	H2				
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R1839	*H2	R2422	*C6	R3317	D4	R4212	*E2	R5735	H2	TP2	A4		
R1840	*G2	R2423	C6	R3318	*D4	R4213	F2	R5736	*H1	TP3	A3		
R1841	*C11	R2424	*C6	R3319	D4	R4214	*F3	R5737	H1				
R1842	*C11	R2425	C6	R3320	*D4	R4215	G2	R5738	H2	X1801	*G3		
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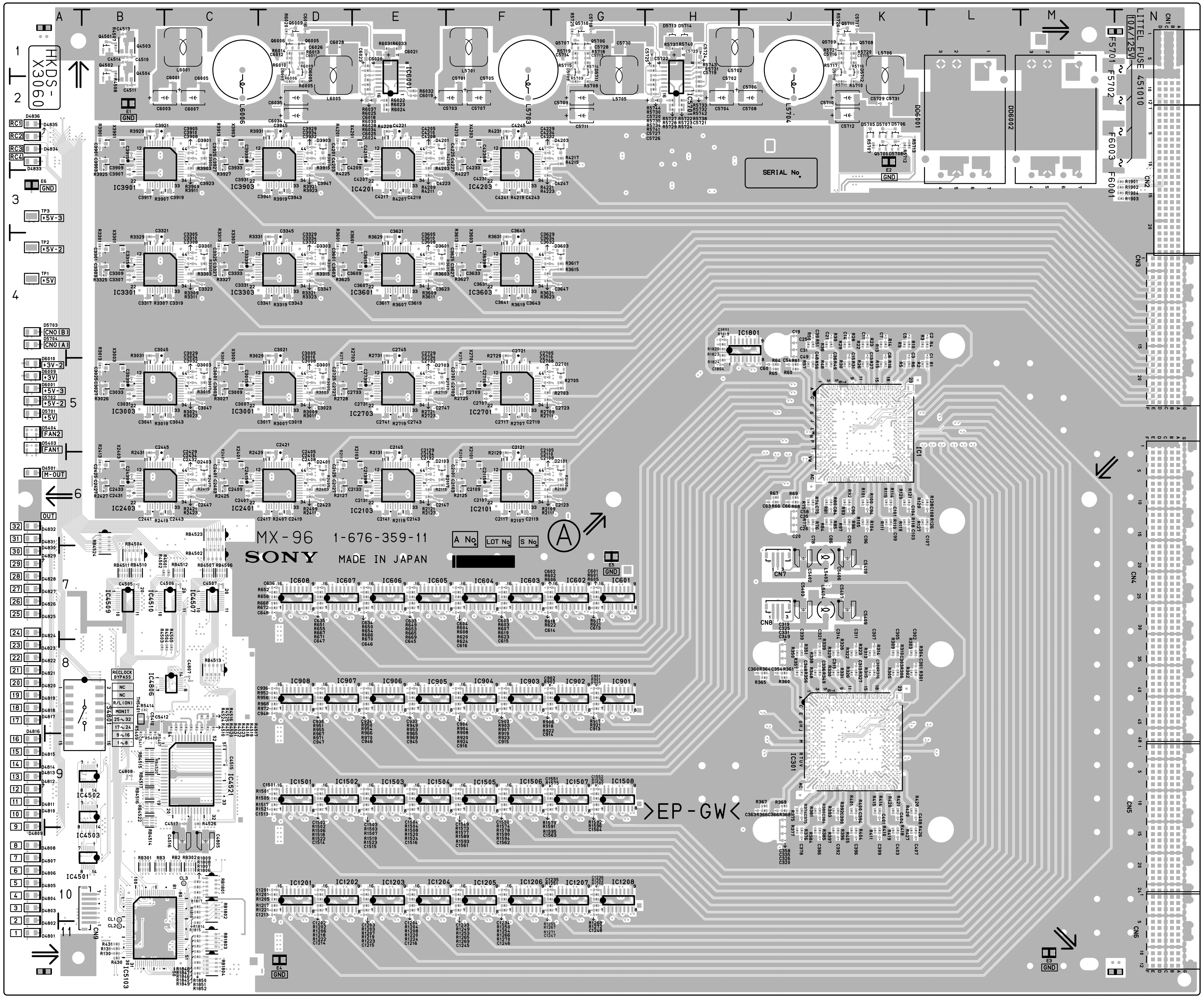
HKDS-X3060
MX-96 1-676-359-11
SONY
MADE IN JAPAN
A No.
LOT No.
S No.
SERIAL No.
LITTEL FUSE 451010 10A/125V
>EP-GW<
IC3901
IC3903
IC4201
IC4203
IC3301
IC3303
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IC3001
IC2703
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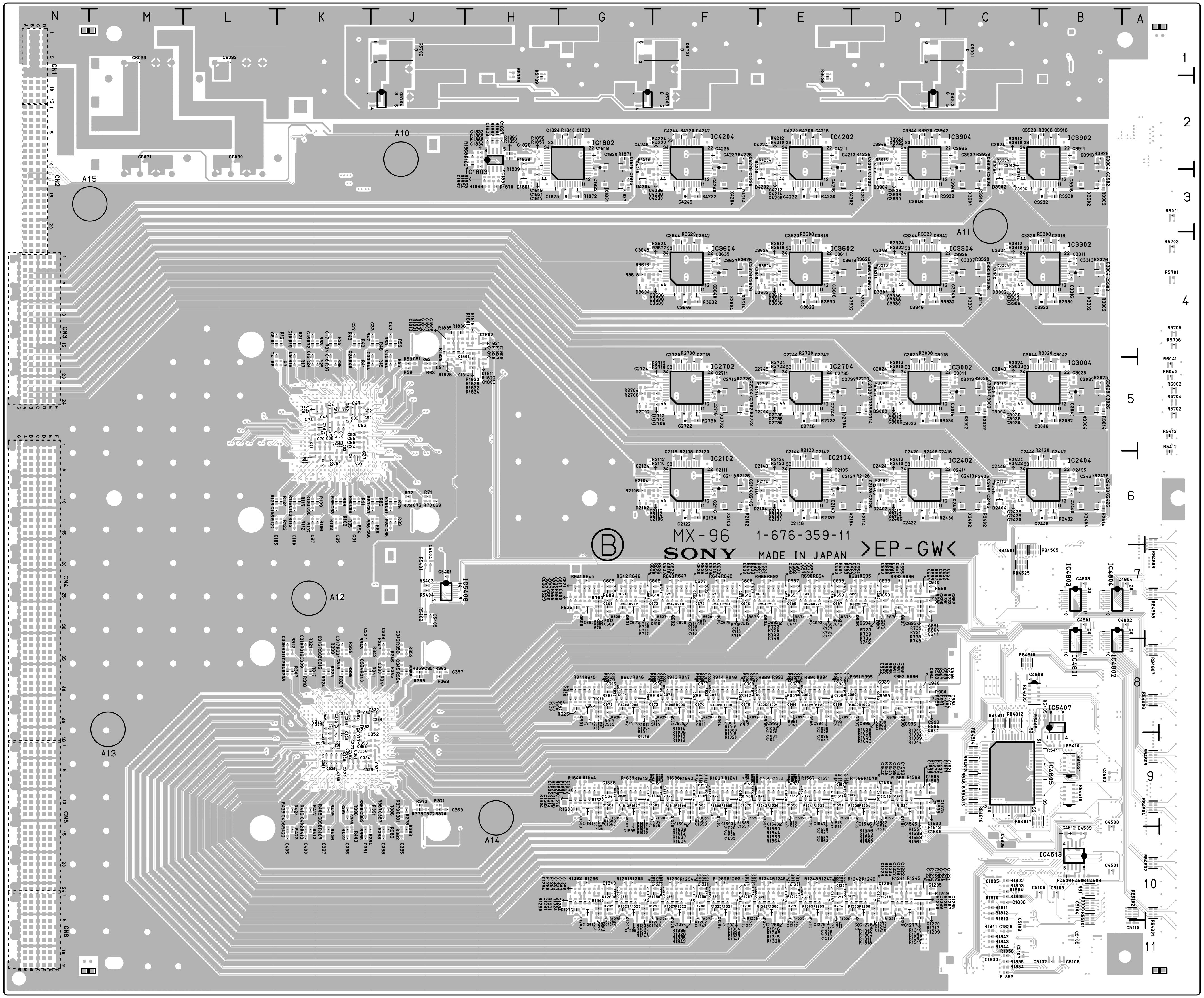
IC2401
IC2103
IC2101
IC1801
IC1
IC301
IC4501
IC4502
IC4503
IC4521
IC4806
IC5103
CN3
CN4
CN5
CN6
CN7
CN8
CN9
GND

HKDS-X3060 (SY) : S/N 10001 and Higher

Components location list ; previous page

MX-96 -A SIDE-

SUFFIX: -11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IC4513
B
MX-96
1-676-359-11
SONY
MADE IN JAPAN
>EP-GW<

MX-96 -B SIDE-

SUFFIX: -11

RM-185 (1-676-349-11)

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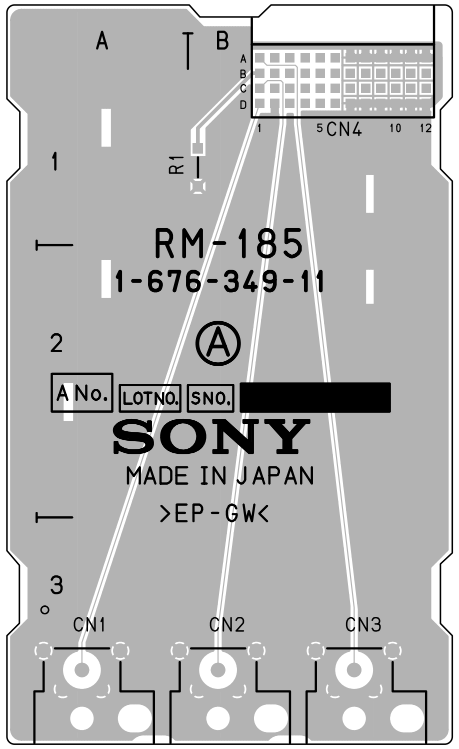
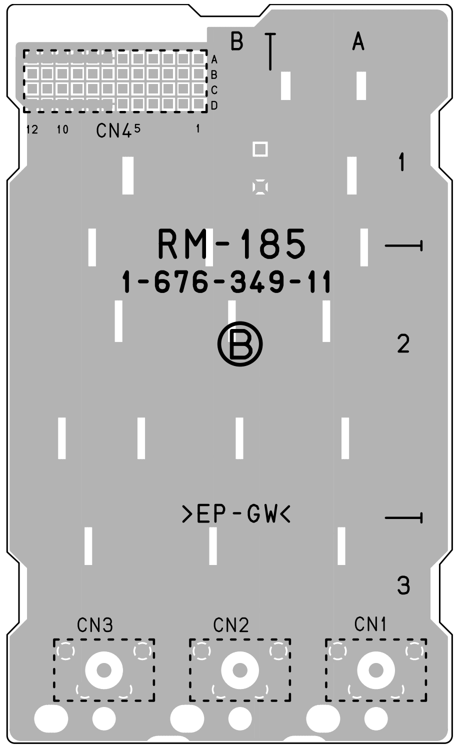
CN3	B3
CN4	B1
R1	B1


A
B
CN4
R1
1
2
3
RM-185
1-676-349-11
Ⓐ
A No.
LOTNO.
SNO.
SONY
MADE IN JAPAN
>EP-GW<
CN1
CN2
CN3

HDS-X3600 (SY) : S/N 10001 and Higher

RM-185 -A SIDE-
SUFFIX: -11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RM-185
1-676-349-11
Ⓑ
>EP-GW<
CN3
CN2
CN1

RM-185 -B SIDE-
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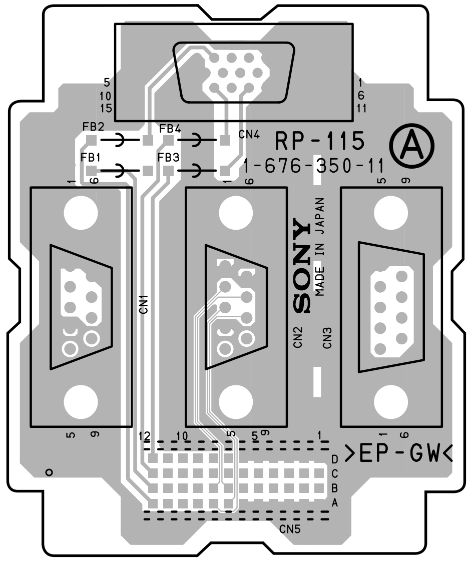
FB2
FB4
FB1
FB3
CN4
RP-115
1-676-350-11
Ⓐ
SONY
MADE IN JAPAN
CN1
CN2
CN3
>EP-GW<
CN5

HDS-X3600 (SY) : S/N 10001 and Higher

RP-115 -A SIDE-
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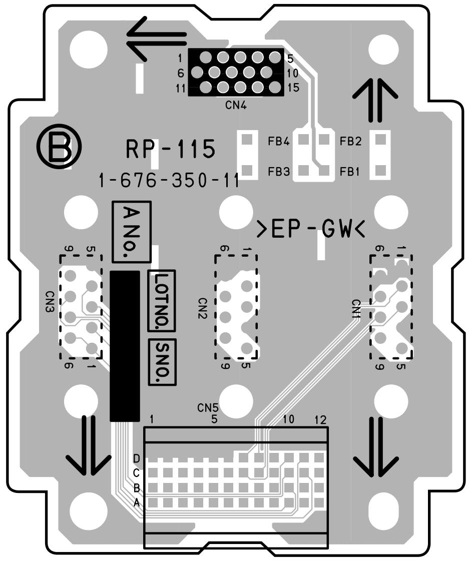
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FB2
FB3
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LOTNO.
SNO.
CN3
CN2
CN1
CN5

RP-115 -B SIDE-
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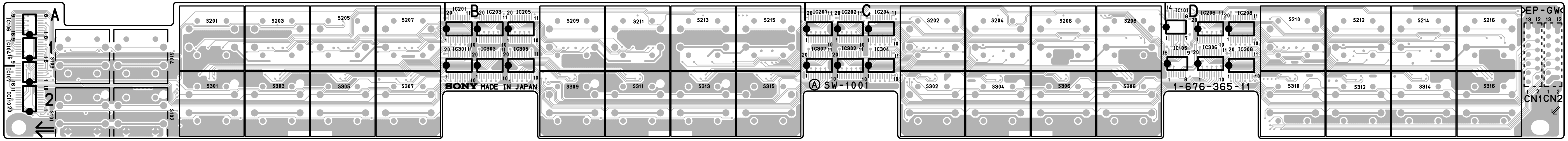
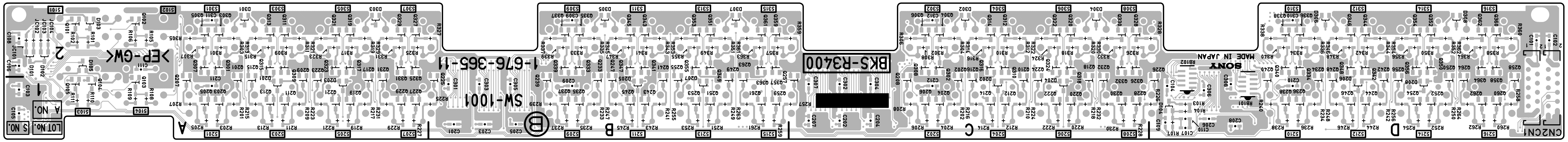


BKS-R3400 (SY) : S/N 10001 and Higher

SW-1001 -A SIDE-

SUFFIX: -11



SW-1001 -B SIDE-

SUFFIX: -11

SW-1001 (1-676-365-11)
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C104	*D1
C105	*A1
C106	*A2
C107	*D1
C108	*A2
C109	*D1
C110	*D1
C111	*A2
C201	*B1
C202	*C1
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C205	*B1
C206	*D1
C207	*C1
C208	*D1
C209	*B1
C210	*D1
C211	*A1
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C311	*A2
C312	*C2
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D104	*D1
D105	*A2
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D303	*A2
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D306	*D2
D307	*B2
D308	*D2
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IC105	D2
IC106	A1
IC107	A2
IC110	A2
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IC203	B1
IC204	C1
IC205	B1
IC206	D1
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IC303	B2
IC304	C2
IC305	B2
IC306	D2
IC307	C2
IC308	D2
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S306	C2
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S311	B2
S312	D2
S313	B2
S314	D2
S315	B2
S316	D2

VSW-68 (1-676-354-11)

*:B SIDE

BT2201	M8	C225	J3	C451	M6	C638	*G4	C849	E4	C1060	*D3	C1271	*C2	C2211	*E9
		C226	*J3	C452	L6	C639	F4	C850	E3	C1061	D3	C1272	*C2	C2212	*C10
C1	M3	C227	H2	C453	*L5	C640	*G4	C851	*E4	C1062	*E3	C1273	C2	C2213	*D10
C2	*N3	C228	*H2	C454	L5	C641	F4	C852	*E3	C1063	D3	C1274	*C2	C2214	*D10
C3	M2	C229	M7	C455	*L5	C642	*F4	C853	*E4	C1064	*D3	C1275	C2	C2215	*E10
C4	*M2	C230	J3	C456	L5	C643	F4	C854	*E3	C1065	D3	C1276	C2	C2216	*E8
C5	M3	C231	*J3	C457	*L5	C644	*F4	C855	E3	C1066	*D3	C1277	*C2	C2217	*C10
C6	*N3	C232	H2	C458	L5	C645	F3	C856	*E3	C1067	D3	C1278	*C2	C2218	*D10
C7	M2	C233	*H2	C459	*L5	C646	*G3	C857	F3	C1068	*D3	C1279	C2	C2219	*D10
C8	*M2	C234	J3	C460	L5	C647	F4	C858	*E3	C1069	D2	C1280	*C2	C2220	*E10
C9	M3	C235	*J3	C461	*L5	C648	F3	C859	F3	C1070	D2	C1403	*F8	C2221	*E10
C10	*M3	C236	H2	C462	L5	C649	F4	C860	*E3	C1071	*D2	C1404	F8	C2222	*H9
C11	M2	C237	*H2	C463	*L6	C650	F3	C861	E3	C1072	*D2	C1405	*E8	C2223	*G9
C12	*M2	C238	J3	C464	L5	C651	*F4	C862	*F3	C1073	D2	C1601	*E8	C2224	L8
C13	N3	C239	J3	C465	*L6	C652	*F3	C863	E3	C1074	*D2	C1602	D7	C2225	*F9
C14	N3	C240	*J3	C466	L5	C653	*F4	C864	*E3	C1075	D2	C1603	*D8	C2226	*F9
C15	*M3	C241	*H3	C467	*L6	C654	*G3	C865	E3	C1076	D2	C1604	C8	C2401	*F9
C16	*M3	C242	J2	C468	L5	C655	F3	C866	*E3	C1077	*D2	C1605	*D8	C2402	*F9
C17	M2	C243	J2	C469	*L6	C656	*F3	C867	E3	C1078	*D2	C1606	*C9	C2403	*H8
C18	M2	C244	*H2	C470	L4	C657	G3	C868	*E3	C1079	D2	C1607	*C9	C2404	*H8
C19	*M2	C245	*H2	C471	*L6	C658	*F3	C869	E2	C1080	*E2	C1801	A4	C2405	*H8
C20	*L2	C246	J3	C472	L4	C659	G3	C870	E2	C1201	C6	C1802	B6	C2406	*H8
C21	N3	C247	*H3	C473	*L6	C660	*F3	C871	*E2	C1202	*D6	C1803	B4	C2407	*F8
C22	*M3	C248	J2	C474	L4	C661	F3	C872	*E2	C1203	C6	C1804	B6	C2408	*G8
C23	M2	C249	*H2	C475	*L6	C662	*G3	C873	E2	C1204	*D6	C1805	A4	C2601	*E9
C24	*L2	C250	K3	C476	L4	C663	F3	C874	*E2	C1205	C4	C1806	B6	C2602	*E9
C25	L3	C251	K3	C477	*L6	C664	*F3	C875	E2	C1206	*D4	C1807	B4	C2603	*D9
C26	*L3	C252	*K3	C478	L4	C665	F3	C876	E2	C1207	D5	C1808	B6	C2604	*E9
C27	K2	C253	*K3	C479	*L6	C666	*F3	C877	*E2	C1208	C4	C1811	*A2	C2605	*B10
C28	*L2	C254	J2	C480	L5	C667	F3	C878	*E2	C1209	D5	C1812	*A2	C2606	*E9
C29	M7	C255	J2	C481	*L6	C668	*F3	C879	E2	C1210	C4	C1813	*A5	C2607	*D9
C30	L3	C256	*J2	C482	L5	C669	F2	C880	*F2	C1211	*D5	C1814	*A5	C2608	*D9
C31	*L3	C257	*K2	C483	*L6	C670	F2	C1001	D6	C1212	*D4	C1815	*A6	C2609	*E9
C32	K2	C258	J3	C484	L5	C671	*F2	C1002	*E6	C1213	*D5	C1816	*A2	C2610	*D9
C33	*L2	C259	J3	C485	*L6	C672	*F2	C1003	E6	C1214	*D4	C1817	A4	C2611	E9
C34	L3	C260	*J3	C486	L5	C673	F2	C1004	*E6	C1215	C5	C1818	A5	C2613	*C9
C35	*L3	C261	*J3	C487	*L6	C674	*F2	C1005	D4	C1216	*D5	C1819	A4	C2614	*D9
C36	L2	C262	H2	C488	L4	C675	F2	C1006	*E4	C1217	D5	C1820	A5	C2615	D8
C37	*K2	C263	H2	C489	L5	C676	F2	C1007	E5	C1218	*C5	C1821	A5	C2616	*C9
C38	L3	C264	*H2	C490	*L5	C677	*F2	C1008	D4	C1219	D5	C1822	A4	C2617	*D9
C39	M3	C265	*H2	C491	K6	C678	*F2	C1009	E5	C1220	*C5	C1823	A5	C2618	*B10
C40	*L3	C401	*J5	C492	*K5	C679	F2	C1010	D4	C1221	C5	C1824	B5	C2619	*C9
C41	*L3	C402	*J5	C493	K6	C680	*G2	C1011	*E5	C1222	*D5	C1825	A5	C2620	*D9
C42	L2	C403	*J6	C494	*K5	C801	E6	C1012	*E4	C1223	D4	C1826	B2	C2621	C8
C43	L2	C404	*J6	C495	K6	C802	*F6	C1013	*E5	C1224	*D4	C1827	B2	C2622	*D9
C44	*K2	C405	*J6	C496	*K5	C803	F6	C1014	*E4	C1225	D4	C1828	B2	C2623	*D9
C45	*K2	C406	*J6	C497	K6	C804	*F6	C1015	D5	C1226	*D4	C1829	B2	C2624	*D9
C46	M3	C407	*J6	C498	*K4	C805	E4	C1016	*E5	C1227	C4	C1830	B5	C2625	*C9
C47	*L3	C408	*J6	C499	K6	C806	*F4	C1017	E5	C1228	*D4	C1831	B5	C2626	*D9
C48	L2	C409	J5	C500	*K4	C807	F5	C1018	*D5	C1229	C4	C2001	*J8	C2627	D8
C49	*K2	C410	*J5	C501	K6	C808	F4	C1019	E5	C1230	C4	C2002	*J8	C2628	D8
C50	M3	C411	J6	C502	*K4	C809	F5	C1020	*D5	C1231	*D4	C2003	B8	C2629	D8
C51	M3	C412	*J5	C503	L6	C810	E4	C1021	D5	C1232	*D4	C2004	B10	C2801	*K9
C52	*M3	C413	J5	C504	*L4	C811	*F5	C1022	*E5	C1233	C4	C2006	B8	C2802	*J8
C53	*N3	C414	*J5	C601	G6	C812	*F4	C1023	E4	C1234	*D4	C2007	B10	C2803	J8
C54	M2	C415	K5	C602	*G6	C813	*F5	C1024	*E4	C1235	C4	C2008	B8	C2804	*H8
C55	M2	C416	*K5	C603	G6	C814	*F4	C1025	E4	C1236	D4	C2009	B10	C2805	*J9
C56	*M2	C417	K5	C604	*G6	C815	F5	C1026	*E4	C1237	*D4	C2010	B7	C2806	*J8
C57	*M2	C418	*K5	C605	F4	C816	*F5	C1027	D4	C1238	*D4	C2011	B10	C2807	*J8
C58	L3	C419	K6	C606	*G4	C817	F5	C1028	*E4	C1239	C4	C2014	*A7	C2808	H8
C59	L3	C420	*K5	C607	G5	C818	*F5	C1029	D4	C1240	*D4	C2015	*A7	C2810	*H9
C60	*L3	C421	K6	C608	G4	C819	F5	C1030	D4	C1241	C4	C2016	*A9	C2811	*H10
C61	*L3	C422	*K5	C609	G5	C820	*F5	C1031	*E4	C1242	*C4	C2017	*A9	C2812	D8
C62	L2	C423	K6	C610	F4	C821	E5	C1032	*E4	C1243	C4	C2018	*A9	C2813	*J10
C63	K2	C424	*K5	C611	*G5	C822	*F5	C1033	E4	C1244	*C4	C2019	*A7	C2814	*J10
C64	*L2	C425	K6	C612	*G4	C823	F4	C1034	*E4	C1245	C3	C2020	A8	C2815	*J9
C65	*L2	C426	*K4	C613	*G5	C824	*F4	C1035	E4	C1246	*C3	C2021	A9	C2817	*J9
C201	K3	C427	K6	C614	*G4	C825	F4	C1036	E4	C1247	C4	C2022	A8	C2818	*J9
C202	*K3	C428	*K4	C615	G5	C826	*F4	C1037	*E4	C1248	C3	C2023	A9	C2820	*H9
C203	J2	C429	J6	C616	*G5	C827	F4	C1038	*E4	C1249	C4	C2024	A8	C2821	*H9
C204	*K2	C430	*K4	C617	G5	C828	*F4	C1039	D4	C1250	C3	C2025	A8	C2822	*H9
C205	K3	C431	J6	C618	*G5	C829	E4	C1040	*E4	C1251	*C4	C2026	A9	C2823	*H10
C206	*K3	C432	*J4	C619	G5	C830	E4	C1041	D4	C1252	*C3	C2027	B9	C2824	*K9
C207	J2	C433	J6	C620	*G5	C831	*F4	C1042	*D4	C1253	*C4	C2028	A9	C2825	*J9
C208	*K2	C434	*J4	C621	F5	C832	*F4	C1043	D4	C1254	*C3	C2029	A6	C2826	*K10
C209	K3	C435	J6	C622	*G5	C833	F4	C1044	*D4	C1255	C3	C2030	A6	C2827	*K10
C210	*K3	C436	*J5	C623	G4	C834	*F4	C1045	D3	C1256	*C3	C2031	B7	C2828	*K10
C211	K2	C437	J6	C624	*G4	C835	F4	C1046	*D3	C1257	C3	C2032	B7	C2829	*K10
C212	*J2	C438	*J5	C625	G4	C836	F4	C1047	D4	C1258	*C3	C2033	B9	C2830	*K10
C213	K3	C439	J6	C626	*G4	C837	*F4	C1048	D3	C1259	C3	C2034	B9	C2831	*J9
C214	K3	C440	*J5	C627	G4	C838	*F4	C1049	D4	C1260	*C3	C2042	B8	C2832	*H9
C215	*K3	C441	J6	C628	*G4	C839	E4	C1050	D3	C1261	C3	C2201	E9	C2833	*H10
C216	*K3	C442	*J5	C629	G4	C840	*F4	C1051	*D4	C1262	*C3	C2202	*C10	C2834	*J9
C217	K2	C443	J6	C630	G4	C841	E4	C1052	*D3	C1263	C3	C2203	*D10	C2835	*J9
C218	K2	C444	*J4	C631	*G4	C842	*E4	C1053	*D4	C1264	*C3	C2204	*D10	C2836	*K9
C219	*J2	C445	L5	C632	*G4	C843	E4	C1054	*D3	C1265	C3	C2205	*E10	C3001	*C8
C220	*J2	C446	L5	C633	G4	C844	*E4	C1055	D3	C1266	*C3	C2206	*E10	C3002	C7
C221	K3	C447	M6	C634	*G4	C845	E3	C1056	*D3	C1267	C3	C2207	*E9	C3003	*C7
C222	*K3	C448	M6	C635	G4	C846	*F3	C1057	E3	C1268	*C3	C2208	F9	C3004	*C8
C223	K2	C449	M6	C636	G4	C847	E4	C1058	*D3	C1269	C2	C2209	*E9	C3005	C7
C224	*J2	C450	M6	C637	*G4	C848	E3	C1059	E3	C1270	C2	C2210	*E9	C3006	*C7

C3007	*C8	D1618	D7	IC2211	E9	Q805	E4	R26	*M3	R213	*K3	R304	*H7	R609	G4
C3008	*C8	D1619	D7	IC2212	C10	Q806	*F4	R27	M2	R214	*K3	R401	*J5	R610	*G4
C3009	*C8	D1620	C7	IC2213	D10	Q807	E3	R28	*M2	R215	J2	R402	*J5	R611	G4
C3010	*C8	D1801	B4	IC2214	D10	Q808	*E3	R29	M3	R216	J2	R403	*J5	R612	*G4
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C3012	*C8	D1803	B1	IC2216	D10	Q810	*E3	R31	M2	R218	*J2	R405	*J6	R614	G4
C3013	*C8	D1804	B1	IC2217	G9	Q811	E2	R32	*M2	R219	*K2	R406	*J6	R615	*G4
C3014	*C8	D1805	B2	IC2218	G9	Q812	*F2	R33	N3	R220	*J2	R407	*J6	R616	*G4
C3015	*C8	D1806	B2	IC2219	F9	Q1001	E4	R34	*M3	R221	K3	R408	*E8	R617	G4
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C3203	*G8	D2002	B10	IC2605	*E8	Q1009	D3	R42	M2	R229	K3	R416	*J6	R625	*G4
C3204	*G9	D2003	*A7	IC2611	D9	Q1010	*D3	R43	*L2	R230	*K3	R417	*J6	R626	*G4
C3205	*G8	D2004	*A9	IC2612	*C8	Q1011	D2	R44	*L2	R231	J2	R418	L5	R627	G4
C3206	*M10	D2005	*A7	IC2615	*D9	Q1012	*D2	R45	N3	R232	*J2	R419	L5	R628	G4
C3207	*M10	D2006	*A9	IC2616	*D8	Q1201	D4	R46	*M3	R233	K3	R420	L5	R629	*G4
		D2201	E8	IC2801	K9	Q1202	*D4	R47	M2	R234	*K3	R421	L5	R630	*G4
CL2	*D8	D2202	*M9	IC2805	J9	Q1203	C4	R48	*L2	R235	K2	R422	M6	R631	G4
CL9	*C9	D2203	*M8	IC2806	J8	Q1204	*D4	R49	*L7	R236	*J2	R423	M6	R632	*G4
CL10	*C9	D2204	*L8	IC2813	J9	Q1205	C4	R50	*K7	R237	K3	R424	M6	R633	G4
CL11	*C9	D2801	*J8	IC2817	K9	Q1206	*D4	R51	*K7	R238	K3	R425	M6	R634	G4
CL12	*C9	D2802	*K8	IC2818	J8	Q1207	C3	R52	*K7	R239	*K3	R426	M6	R635	*G4
CL13	*C9	D2803	K7	IC2819	K10	Q1208	*C3	R53	L3	R240	*K3	R427	M6	R636	*G4
		D2804	K7	IC2821	H9	Q1209	C3	R54	*L3	R241	K2	R428	M6	R637	F4
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CN3	E1	E1	C4	IC2824	J8	Q1212	*C2	R57	L3	R244	*J2	R431	M6	R640	*G3
CN4	K1	E2	M4	IC3001	C8	Q1801	*A3	R58	*L3	R245	K3	R432	L6	R641	F3
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CN7	M10	E5	K8	IC3007	C8	Q1804	*B5	R61	L3	R248	*J2	R435	*L5	R644	*F3
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CN107	J10			IC3013	C8	Q1806	*A2	R63	L3	R250	*J7	R437	L5	R646	*F3
CN300	C10	FB1	C1	IC3201	G9	Q1807	*A2	R64	*L3	R251	*J7	R438	*L5	R647	F3
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CN400	L9	IC1	M3	IC3203	M9	Q1809	*A5	R66	*L3	R253	J3	R440	K5	R649	F3
		IC2	*M3			Q1810	*A2	R67	L2	R254	*J3	R441	K6	R650	G3
D1	L7	IC3	M2	L1801	A4	Q1811	*A5	R68	K2	R255	H2	R442	*K5	R651	*F3
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D4	K7	IC9	L3	L1804	A6	Q2003	B8	R71	*L2	R258	*J3	R445	*K5	R654	F2
D5	K7	IC10	*L3	L1805	A2	Q2004	*A7	R72	*K2	R259	H2	R446	K6	R655	*F2
D6	K7	IC11	L2	L2001	A8	Q2005	*A10	R73	L3	R260	*H2	R447	*K5	R656	*G2
D7	K7	IC12	*L2	L2002	A10	Q2006	*B7	R74	*L3	R261	J3	R448	K6	R657	F2
D8	K7	IC201	K3	L2003	A7	Q2007	*B9	R75	L2	R262	J3	R449	K6	R658	*F2
D201	J7	IC202	*K3	L2004	A10	Q2008	*A7	R76	*K2	R263	J3	R450	*K5	R659	F2
D202	J7	IC203	J2	L2005	A6	Q2009	*A7	R77	L3	R264	*J3	R451	*K5	R660	F2
D203	J7	IC204	*K2	L3001	*C7	Q2010	*A9	R78	*L3	R265	*J3	R452	K6	R661	*F2
D204	J7	IC205	M7			Q2011	*A9	R79	K2	R266	*J3	R453	K6	R662	*F2
D205	J7	IC209	J3	PS1	N10	Q2012	*A7	R80	*L2	R267	H2	R454	*K5	R663	F2
D206	J7	IC210	*J3	PS2	M10	Q2013	*A9	R81	L3	R268	H2	R455	*K5	R664	F2
D207	H7	IC211	H2	PS1801	B1	Q2201	*F10	R82	*L3	R269	H2	R456	K6	R665	*F2
D208	H7	IC212	*H2	PS2001	A1	Q2202	*E8	R83	L2	R270	*H2	R457	*K5	R666	*F2
D601	F4	IC401	*J6			Q2203	*M9	R84	*L2	R271	*H2	R458	K6	R667	F2
D602	*G4	IC402	J5	Q1	N3	Q2204	*M8	R85	M3	R272	*H2	R459	*K4	R668	*F2
D603	F3	IC403	L6	Q2	*M3	Q2801	*J8	R86	*L3	R273	J3	R460	K6	R669	F2
D604	*G3	IC404	*L5	Q3	M2	Q2802	*J8	R87	L2	R274	*J3	R461	K6	R670	F2
D801	E4	IC601	G5	Q4	*M2	Q2804	*J8	R88	*K2	R275	J2	R462	*K4	R671	*F2
D802	*F4	IC602	*G5	Q5	L3	Q2806	*K8	R89	M3	R276	*H2	R463	*K4	R672	*F2
D803	E3	IC603	F3	Q6	*L3	Q2807	*K8	R90	M3	R277	J3	R464	K6	R673	G6
D804	*E3	IC604	*F3	Q7	L2			R91	*L3	R278	*J3	R465	K6	R674	*G6
D1001	D4	IC801	F5	Q8	*K2	R1	M3	R92	*L3	R279	H2	R466	*K4	R675	F4
D1002	*E4	IC802	*F5	Q201	K3	R2	*N3	R93	L2	R280	*H2	R467	*K4	R676	*F4
D1003	D3	IC803	E3	Q202	*K3	R3	M2	R94	L2	R281	J3	R468	K6	R801	E6
D1004	*D3	IC804	*E3	Q203	K2	R4	*M2	R95	*K2	R282	*J3	R469	*K4	R802	*F6
D1201	C4	IC1001	E5	Q204	*J2	R5	M3	R96	*K2	R283	H2	R470	K6	R803	E4
D1202	*D4	IC1002	*E5	Q205	J3	R6	*N3	R97	M3	R284	*H2	R471	*K4	R804	*F4
D1203	C3	IC1003	D3	Q206	*J3	R7	M2	R98	*L3	R285	J3	R472	K6	R805	F4
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D1601	G7	IC1201	D5	Q208	*H2	R9	M3	R100	*K2	R287	J2	R474	*K4	R807	F5
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D1607	F7	IC1602	D7	Q606	*G4	R15	M2	R202	*K3	R293	J2	R480	L6	R813	F4
D1608	F7	IC1603	D8	Q607	F3	R16	M2	R203	J2	R294	J2	R481	*L4	R814	F4
D1609	F7	IC1604	*C9	Q608	*F3	R17	M2	R204	*K2	R295	*H2	R482	*E8	R815	*F4
D1610	F7	IC1801	A5	Q609	F3	R18	*M2	R205	K3	R296	*H2	R601	F6	R816	*F4
D1611	F7	IC2003	A8	Q610	*F3	R19	*M2	R206	*K3	R297	J3	R602	*G6	R817	F4
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D1613	E7	IC2206	C10	Q612	*G2	R21	N3	R208	*K2	R299	J2	R604	*G4	R819	*F4
D1614	E7	IC2207	C10	Q801	F4	R22	*M3	R209	K3	R300	*H2	R605	G4	R820	*F4
D1615	E7	IC2208	D10	Q802	*F4	R23	M2	R210	K3	R301	*J7	R606	*G4	R821	F4
D1616	E7	IC2209	D10	Q803	F4	R24	*M2	R211	K3	R302	*J7	R607	G5	R822	*F4
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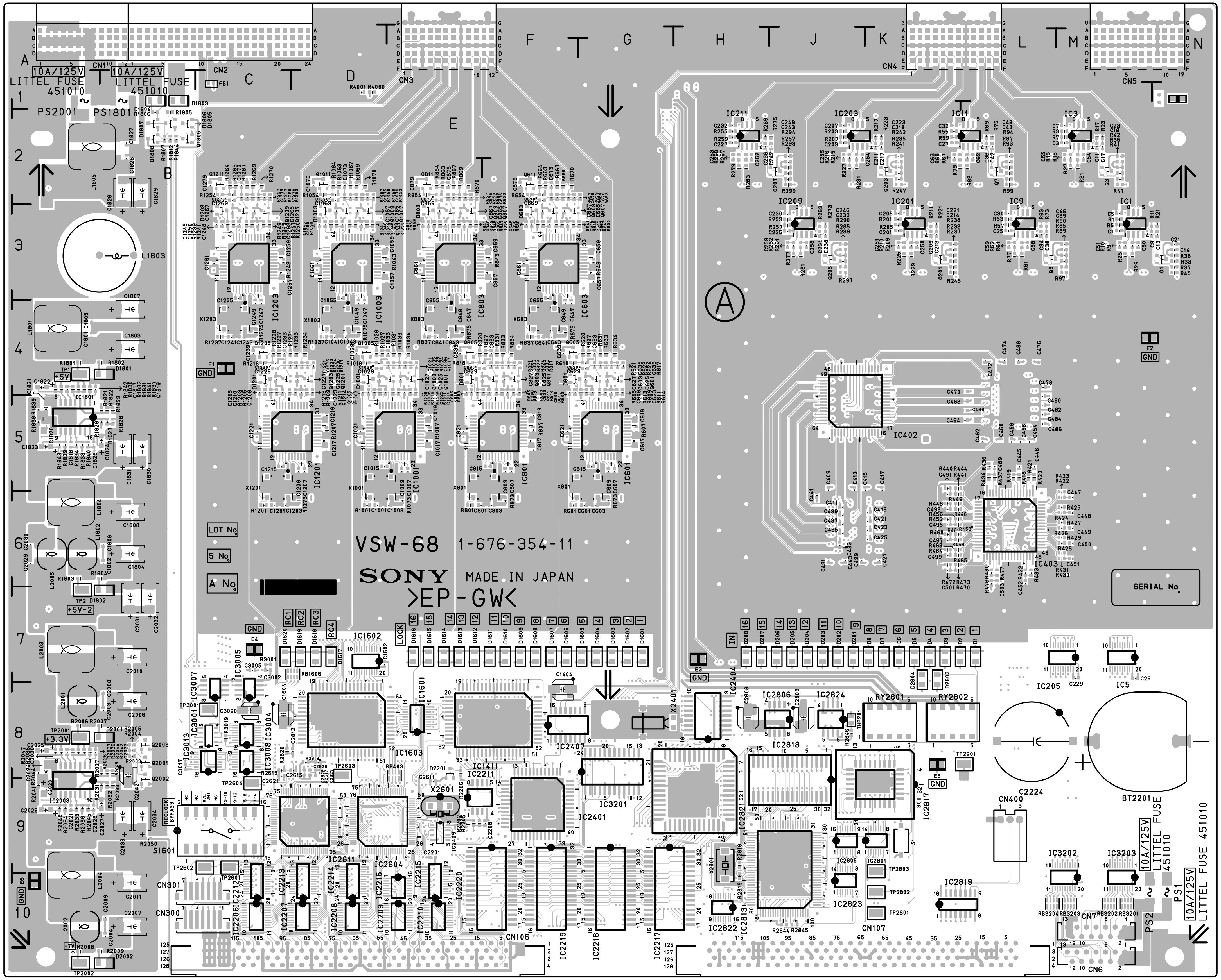
R2822	*J9
R2823	*H10
R2824	*J9
R2825	*H9
R2826	*J9
R2827	*K8
R2828	*H9
R2829	*H9
R2836	*K9
R2837	*K9
R2839	*H10
R2840	*H10
R2841	*J9
R2844	J10
R2845	J10
R2846	J8
R2847	*K9
R3001	C7
R3002	*C7
R3003	*C7
R3004	*C8
R3005	*B8
R3006	*B8
R3007	*C7
R3008	*C8
R3011	*C8
R3013	*C8
R3014	*C8
R3015	*C8
R3016	*C8
R3017	*C8
R3018	*C8
R3019	C8
R4000	D1
R4001	D1
RB401	*H8
RB402	*H8
RB403	E8
RB1401	*E8
RB1402	*F8
RB1403	*F8
RB1404	*E8
RB1405	*F8
RB1406	*F8
RB1407	*E8
RB1601	*C9
RB1602	*E8
RB1603	*E8
RB1604	*D8
RB1605	*D8
RB1606	D7
RB2201	*E10
RB2601	*E8
RB2801	*H10
RB2802	*J10
RB2803	*J10
RB2804	*H8
RB3201	M10
RB3202	M10
RB3203	M10
RB3204	L10
RB3205	*M10
RY2801	K8
RY2802	K8
S1	K9
S1601	C9
THP201	J8
TP1	A4
TP2	A7
TP2001	A8
TP2002	A10
TP2201	L8
TP2601	C9
TP2602	C9
TP2603	D8
TP2604	C9
TP2801	K10
TP2802	K10
TP2803	K9
TP3001	C8
X601	G5
X602	*G5
X603	F4
X604	*F4
X801	F5
X802	*F5
X803	E4
X804	*E4
X1001	D5
X1002	*E5
X1003	D4
X1004	*D4
X1201	C5
X1202	*D5
X1203	C4
X1204	*C4
X2401	G8
X2601	E9
X2801	H9

VSW-68

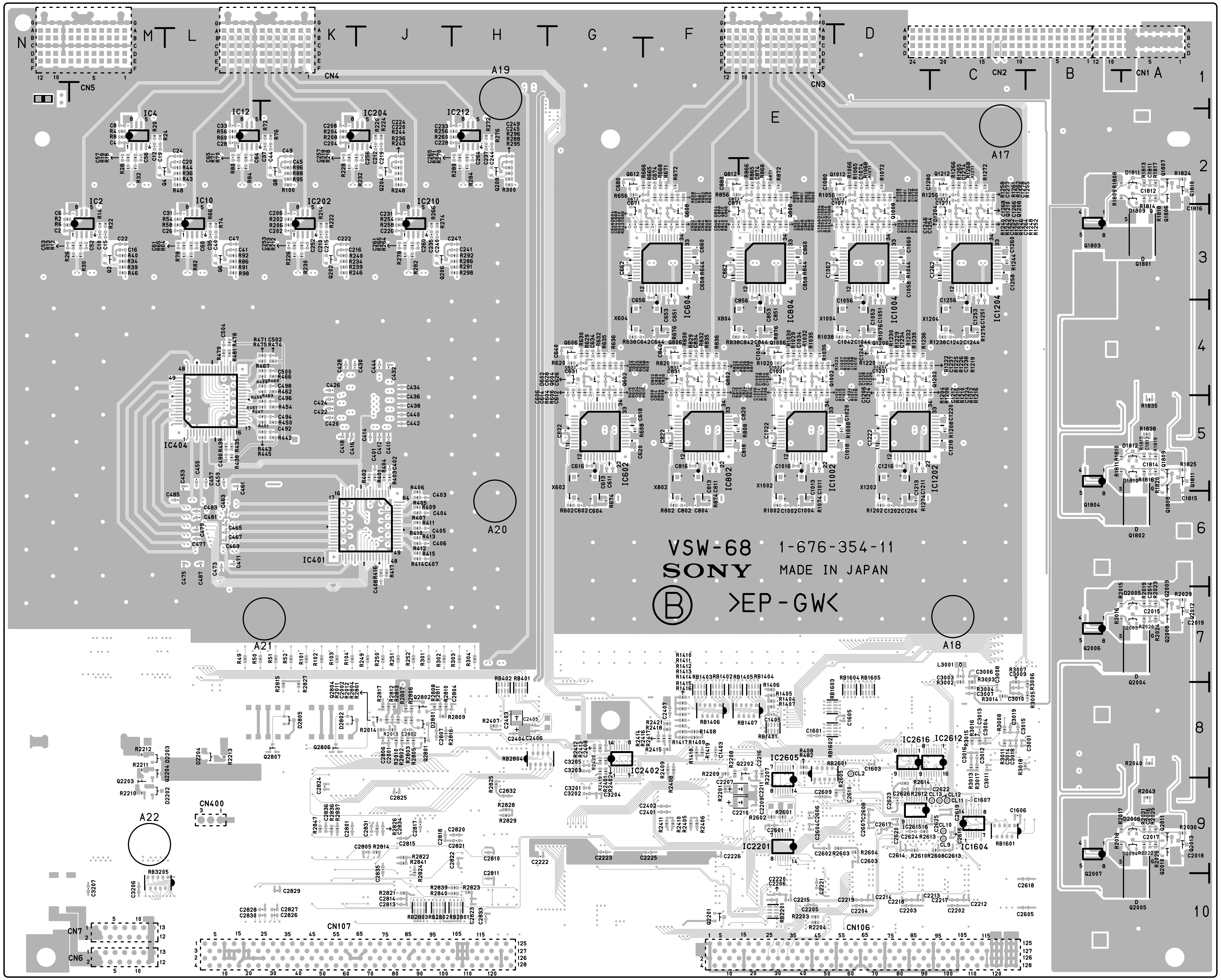

VSW-68 1-676-354-11
SONY MADE IN JAPAN
>EP-GW<
LOT No
S No
A No
SERIAL No.
CN1
CN2
CN3
CN4
CN5
CN6
CN7
CN106
CN107
CN300
CN301
CN400
10A/125V LITTEL FUSE 451010
PS2001
PS1801
PS1
PS2
L1803
IC1203
IC1003
IC803
IC603
IC1201
IC1001
IC801
IC601
IC211
IC203
IC11
IC3
IC209
IC201
IC9
IC1
IC402
IC403
IC1801
IC2003
IC1602
IC1601
IC1603
IC1411
IC2211
IC2401
IC2407
IC3201
IC2806
IC2824
IC2818
IC2821
IC2817
IC2805
IC2801
IC2823
IC2822
IC2819
IC205
IC5
IC3202
IC3203
IC2604
IC2611
IC2219
IC2218
IC2217
IC2220
RY2801
RY2802
BT2201
X2401
X2601
S1601
GND
+5V
+5V-2
+3.3V
+7V
RC1
RC2
RC3
RC4
LOCK
IN
A B C D E F G H J K L M N
1 2 3 4 5 6 7 8 9 10

HDS-X3400 (SY) : S/N 10001 and Higher

VSW-68 -A SIDE-

SUFFIX: -11

Components location list ; previous page


VSW-68 1-676-354-11
SONY MADE IN JAPAN
B >EP-GW<
CN1
CN2
CN3
CN4
CN5
CN6
CN7
CN106
CN107
CN400
IC404
IC401
IC602
IC604
IC802
IC804
IC1002
IC1004
IC1202
IC1204
IC2201
IC2402
IC2605
IC2612
IC2616
IC1604
A17
A18
A19
A20
A21
A22
N M L K J H G F E D C B A
1 2 3 4 5 6 7 8 9 10

VSW-68 -B SIDE-

SUFFIX: -11

http://getMANUAL.com

Appendix

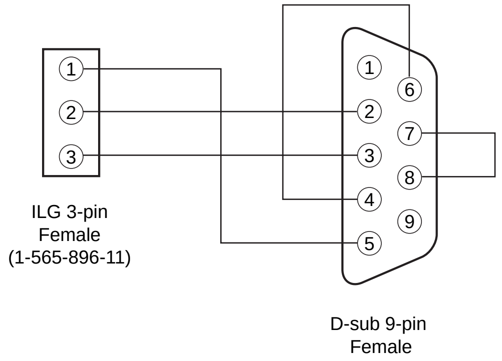
When the IC5 (F-3) of the CPU-317 board is replaced, perform the following works.

1. Writing the MAC Address

The MAC address means the serial number that is indicated on the seal (G-4) on the CPU-317 board. This is one of important information that is required to connect the system to LAN.

1-1. Fabricating Tool

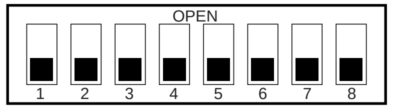
Prepare the connectors ILG 3-pin (1-565-896-11) female and D-sub 9-pin female. Connect these connectors as shown.



1-2. Setting the Switches on CPU-317 Board

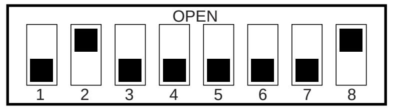
Set the following switches as shown.

S1 (D-5) : STATION ID setting switch
8-pin piano type switch



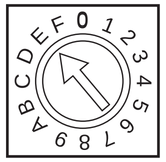
(■ indicates the switch lever position.)

S2 (E-5) : STATUS setting switch
8-pin piano type switch



(■ indicates the switch lever position.)

S5 (E-5) : Test rotary switch



1-3. Connection

1. Connect an end of the tool harness that is fabricated in section 1-1, to the ILG 3-pin connector CN9 (J-5) on the CPU-317 board. Connect the D-sub 9-pin connector of the tool harness to serial port of a personal computer.
2. Turn on the main power of the HDS-X3400/X3600/X3700 and personal computer.

1-4. Setting the Personal Computer

1. Start up the terminal software. (Such as HyperTerminal of Windows)
2. Select the COM port. (It may differs depending upon types of personal computer.)
3. Set the Baud Rate to 9600 bps.
4. Set the Data (data length) to 8 bits.
5. Set the Parity (parity check) to none.
6. Set Stop (Bit) (stop bit) to 1 bit.
7. Set the Flow Control (overflow control) to none.
8. Click CONNECT: Start connection.

1-5. Setting the MAC Address

1. Start up the terminal software of personal computer and press Enter key three times.
2. Input the following command from personal computer terminal.
   “dcSetEnetAdrs(“character sting of MAC address”)”
   (MAC address shall be a character string consisting of six bytes in hexadecimal notation. Be sure to add 0 in front of the byte that can be indicated with a single digit.
   Example : → dcSetEnetAdrs(“010203040506”)

1-6. Confirming the MAC Address

- Input the following command from computer terminal.
  “dcViewRom(0x30000000,10,6)”
- Confirm that the following character string appears on display.
  (The following character string appears when the MAC address of 01 02 03 04 05 06 is set)
  01 02 03 04 05 06

HDS-X3400 (SY)
HDS-X3600 (SY)
HDS-X3700 (SY) E, J
9-967-892-01

Sony Corporation
B&P Company

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